

OUR  
20th YEAR

BADGER STATE

# Smoke Signals

For Radio Amateurs • By Radio Amateurs

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Portage WI 53901

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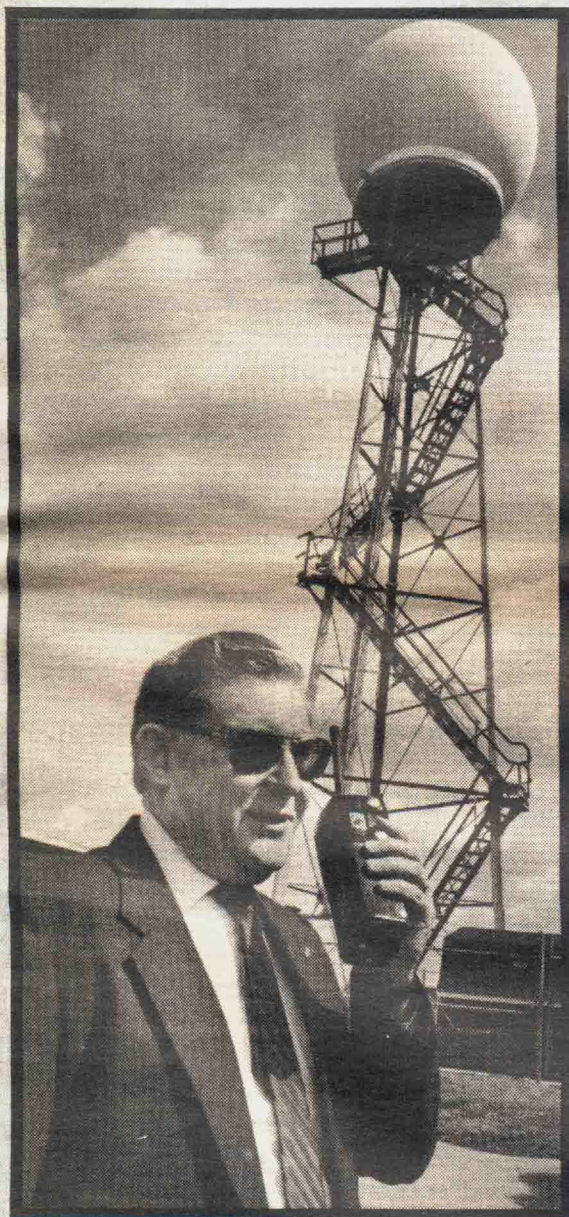
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Vol. 20 No. 6 - 234th Consecutive Monthly Issue - Baraboo, Wisconsin - June 1989

## Eyes On The Sky

Dave Boland, W9NWY, of Neenah, Wisconsin, operates at the Neenah weather radar site as a member of the Winnebago County Amateur Radio Emergency Service (ARES)/Radio Amateur Civil Emergency Service (RACES) group during the state tornado drill, held April 6, 1989. A RACES member operates from the radar site during severe weather to provide information to the communications center at the Winnebago County Safety Building if the regular telephone link fails.

- Photo by  
Carl Plotz, WB9JSW



## State Tells Swapfest Sponsors: Report all Sellers!

New legislation in 1988 (sec. 78.03(38), Wis. Stats.) provides the Wisconsin Department of Revenue with authority to require each operator of a swap meet, flea market, craft fair, or similar event to report certain information to the department. Such operators must report the name, address, social security number, and, if available, the seller's permit number of each vendor selling merchandise at the event that he or she operates.

The Department of Revenue has begun sending information to operators of swap meets, flea markets, craft fairs, and similar events to explain the reporting requirements.

An event is defined as an occurrence, occasion, activity, or function at which merchandise is sold or traded. It can be on one day or consecutive days. For example, when an event is held every weekend over a period of time, each weekend (consecutive days) constitutes a separate event. In addition to swap meets, flea markets, and craft

(Please turn to page 10)

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## Official Results

1000 Wisconsin



## Swapfests and other Social Events

**JUNE 11, 1989.** Six Meter Club of Chicago. Santa Fe Park, 91st and Wolf Road, Willow Springs, IL. \$3.00 in advance or \$4.00 at the door. Mike Corbett, K9ENZ, 606 S. Fenton Ave., Romeoville, IL 60441.

**JUNE 16 & 17, 1989.** Amateur Fair will be held at the Aldrich Arena near the intersection of Larpenteur and White Bear Ave., in Maplewood, MN.

**JUNE 18, 1989.** The 12th annual Swapfest sponsored by the Central Wisconsin Radio Amateurs will be held at the University of Wisconsin, Stevens Point Student Center. This is a new indoor location. Free parking, fast scan ATV demo, FCC exams, indoor cafeteria, prizes, etc. Satellite City and other dealers will be there to meet your needs. For more information contact Art Wysocki, N9BCA, 3356 April Lane, Stevens Point, WI 54481. (For more information, see ad with map elsewhere in this issue of BSSS.)

**SATURDAY, JULY 8, 1989.** South Milwaukee ARC Swapfest, Oak Creek, WI. Buy-Sell-Swap-Food-Drinks-Prizes-Camping. Amateur Radio Exams. "Happy Time". Tickets: \$4.00. (For more information, see ad elsewhere in this issue of BSSS.)

**SUNDAY JULY 8, 1989.** Hamfest-Computer show held at Downers Grove, IL. Sponsored by the DuPage ARC, P.O. Box 71, Clarendon Hills, IL 60514.

**JULY 15, 1989.** Annual Eau Claire Hamfest sponsored by the Eau Claire ARC. 8:00 a.m. to 2:00 p.m. at the 4-H buildings on Fairfax St.

behind Highland Mall. Free tables for ham gear, free coffee, good food at good prices, door prizes, commercial exhibitors. Amateur license tests given from 9:00 am to 1:00 p.m. - all walk-ins. Admission tickets \$2.00. Contact Gene Lieberg, 2840 Saturn Ave., Eau Claire, WI 54703. (For more information, see ad elsewhere in this issue of BSSS.)

**AUGUST 19, 1989.** The 8th annual Green Fox A.R.C. Picnic/Auction starting at noon. (Rain date August 20). Free food, drink and visiting. Prizes will include a gift certificate for two for a flight on the Hot Air Balloon "Wisconsin", which is based in Ripon, WI and officially represents the State. As always, there is no admission to this event. The proceeds of the auction pay for the costs incurred. Bring some pocket money to bid at the auction. For donations or more information, contact Jack Bremer, KB9WC, Route 1, Box 142, Markesan, WI 53946. (414) 398-2247

**SUNDAY, SEPTEMBER 10, 1989.** BARS Ham-Computerfest, Joliet, IL. Bolingbrook ARC, c/o Ed Weinstein, WD9AYR, 7511 Walnut Ave, Woodridge, IL 60517.

**OCTOBER 15, 1989.** The 11th Annual Fall Ham & Computer Swapfest, Waukesha, WI., sponsored by the Kettle Moraine Radio Amateurs, Inc. Contact KMRA Swapfest, 313 Hillview Circle, Waukesha, WI 53188.

As a service to our readers, this section of Badger State Smoke Signals is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas.

Send information on your event to Kenneth A. Ebner, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages. For information on rates and requirements for our advertising pages, please contact K9ZZ or K9EN.

## Club Meetings

**BADGER AMATEUR RADIO SOCIETY**  
(W9YT - UNIVERSITY OF WISCONSIN - MADISON)  
Monthly while school in session - 2nd Wednesday - 7:30 p.m. - B-314, Electrical Engineering Building.

**CENTRAL WISCONSIN RADIO AMATEURS, LTD.**  
(STEVENS POINT)  
Second Wednesday.

**EAU CLAIRE AMATEUR RADIO CLUB**  
2nd Tuesday - 7:30 p.m. - Parks and Recreation Bldg., Oxford and 1st Streets, Eau Claire. Hams, guests welcome. Travelers welcome on wide area club repeater K9UXP, 146.31/91.

**FOUR LAKES AMATEUR RADIO CLUB (MADISON WI)**  
First and third Tuesdays - 7:30 p.m. - Red Cross Bldg., 4860 Sheboygan Ave.

**FOX CITIES AMATEUR RADIO CLUB**  
Third Monday - 7:00 p.m. - Roosevelt Jr. High School, 318 E. Brewster St., Appleton. Info: (414) 735-6294.

**GREATER MILWAUKEE DX ASSOCIATION**  
Fourth Monday of the month at 7:30 p.m. Contact Jerry Scherkenbach, N9AW, at (414) 481-8831 for meeting location.

**GREEN BAY MIKE AND KEY CLUB**  
Second Thursday - Red Cross Bldg., corner Danz and Deckner, Green Bay.

**GREEN FOX AMATEUR RADIO CLUB**  
Third Monday - 7:30 p.m. - Green Lake Town Hall, int. of county hwy. K and N.

**KETTLE MORAINES RADIO AMATEURS**  
Second Friday, 7:30 p.m. at the Kettle Moraine High School, located near the intersection Hwys 18 & 83 in Wale, WI.

**LAKESHORE RPTR. ASSN.**  
Last Tuesday, Jan., Apr., Jul., & Oct., 7:30 p.m. Red Cross Bldg., 4521 Taylor Ave., Racine, WI.

**MANITOWOC COUNTY RADIO AMATEURS**  
Board meeting, First Wednesday.  
General meeting, Second Wednesday - both meetings held at 7:00 p.m. at the Red Cross Building, 1816 Washington St., Manitowoc.

**MENOMONEE FALLS AMATEUR RADIO CLUB**  
Last Tuesday - Doors open 7:30 p.m., meeting begins 8:00 p.m. - Security Savings and Loan, Menomonee Falls. Amateurs and guests welcome.

**MILWAUKEE RADIO AMATEURS CLUB**  
Fourth Thursday - Wauwatosa Savings and Loan, 7500 W. State St. (November on the third Thursday. No meetings in July, August and December.) Meetings begin at 7:00 pm.

**OZAUKEE RADIO CLUB**  
Second Wednesday - 7:30 p.m. - Saukville Community Center.

## BADGER STATE SMOKE SIGNALS

### OFFICERS AND STAFF

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Baraboo, WI 53913  
(608) 356-6836

### SUBSCRIPTIONS

1 year	(12 issues)	\$8.50
2 years	(24 issues)	\$16.00
3 years	(36 issues)	\$23.00

ADDRESS CHANGES AND CORRECTIONS should be sent to Kenneth A. Ebner, address above.

EDITORIAL MATERIAL, PHOTOGRAPHS, FEATURE ARTICLES, AND EXCHANGE PAPERS should be sent to Jim Romelfanger, address above.

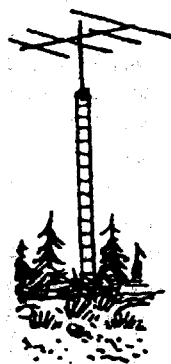
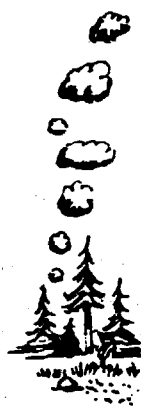
DISPLAY ADS or INQUIRIES REGARDING DISPLAY ADS may be directed to Harry Westlund or Kenneth Ebner, addresses above.

SUBSCRIPTIONS should be sent, with check or money order (do not send cash), to Jim Decker, address above.

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### EDITORIAL DISCLAIMER

The opinions expressed in editorials, guest editorials, columns, articles, and letters are the opinions of the authors only, and do not, unless otherwise stated, express or imply agreement or endorsement by Badger State Smoke Signals, or by any other organization.



QCWA - WISCONSIN CHAPTER #55

For information about QCWA, contact Richard Regent, K9GDF. The Wisconsin Chapter holds Spring and Fall dinner meetings. Spring meeting: Saturday, June 10, 1989. Chalet in Wisconsin Rapids, WI. Make reservations with K9GDF. You are invited to check in the QCWA net on Sundays on 3.985 MHz. at 8:30 a.m.

QCWA - SOUTHEAST WISCONSIN CHAPTER #162

Meets third Monday monthly, 7:30 p.m., Around the Clock Restaurant, 3012 Rapids Drive, Racine.

RACINE MEGACYCLE CLUB

Second Monday, 7:30 p.m., Red Cross Bldg., 4521 Taylor Ave., Racine, WI

RIVERLAND AMATEUR RADIO CLUB

First Tuesday - 7:30 p.m. - Onalaska Community Center, Onalaska WI.

ROCK RIVER RADIO CLUB

First Tuesday - 7:30 p.m. CST, 8:00 p.m. CDT - Dodge County Sheriff's Dep't, 141 N. Main, Juneau WI. ARES net - 146.64 MHz., Monday 7:30 p.m. CST, 8:30 p.m. CDT. 7277 Khz., Saturday 10:30 a.m.

SHEBOYGAN COUNTY AMATEUR RADIO CLUB

Second Tuesday - 7:00 p.m. - Sheboygan Red Cross/Boy Scout Bldg., 2032 Erie Ave.

SOUTH MILWAUKEE AMATEUR RADIO CLUB

First Wednesday - Legion Post 434, Shepard Ave., Oak Creek WI. Auctions in March and October.

TRI-COUNTY AMATEUR RADIO CLUB

Second Sunday of each month. Meetings are held at 7:00 p.m., at the Trinity Lutheran Church, 314 Barrie, Fort Atkinson, WI.

WASHINGTON COUNTY AMATEUR RADIO CLUB

Second Tuesday: ARES/RACES - 7:30 p.m., club meeting - 8:00 p.m., Town of Polk Town Hall, Hwy. 60 and Scenic Dr. Net on 146.13/73 every Monday 7:30 p.m.

WATERTOWN AMATEUR RADIO CLUB

First Thursday of the month at 7:00 p.m., Eaton Corp., 901 s. 12th St., Watertown, WI

WEST ALLIS RADIO AMATEUR CLUB

Second Tuesday - 8:00 p.m. - St. Francis Savings, 9330 W. Greenfield Ave.

WISCONSIN ASSOCIATION OF REPEATERS

Meetings are held Quarterly, with time and location to be announced. Repeater licensees, trustees, and sponsors are urged to attend W.A.R. meetings. All interested parties are welcome.

WISCONSIN VALLEY RADIO ASSOCIATION (WAUSAU)

First Tuesday - 7:30 p.m. - Location varies; info on 146.04/64, Wausau.

YELLOW THUNDER AMATEUR RADIO CLUB (BARABOO)

Days rotate: 1989 meeting dates: Tue., Jun. 13, Wed., Jul. 19, Thu., Aug. 17, Mon., Sep. 18, Tue., Oct. 17, Wed., Nov. 15, Thu., Dec. 14, 1989. Monday meetings in room 28B of the Baraboo Civic Center; all others in room 25. Meetings start 7:30 p.m.

## The TEST POINT



The following are known locations where Amateur Radio license examinations are scheduled in the Badger State area. (Underlined are added since last months BSSS.)

June 7, 1989	Milwaukee, WI (MRAC)
June 15, 1989	Onalaska, WI
June 17, 1989	Menomonie, WI
June 18, 1989	Stevens Point, WI
July 15, 1989	Eau Claire WI
September 16, 1989	Milwaukee, WI (BE)
October 14, 1989	Eau Claire WI
November 11, 1989	Menomonie, WI
December 2, 1989	Stevens Point, WI
Monthly, First Sat.	Racine, WI
Monthly, Last Sun.	Tomahawk, WI
Monthly, Third Sat.	Loves Park, IL
Minnesota tests listed at end of column	

### GENERAL RULES FOR MOST EXAMINATIONS:

Be sure to check with sponsors in the event there are changes and/or errors in the dates or information given.

Most examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date. (Some VECs permit walk-ins. Check with sponsor.)

To register, you must first secure a copy of the current FCC Form 610 and fill it out completely (AND CORRECTLY). Get your form from an FCC Field Office, the ARRL or Badger State Smoke Signals. Send a 25¢ SASE if you request one from the ARRL or BSSS. In most cases, forms can also be obtained from the sponsoring group.

ARRL/VEC examinations require a check for \$4.75 payable to "ARRL/VEC".

The FCC now requires applicants to show their original Amateur license to the VEC. A copy of your license must be attached to your FCC form 610. You will also be required to have a photo ID, or other acceptable identification.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only.

Additional information is given below.

### MILWAUKEE RADIO AMATEURS' CLUB - MRAC/VEC

June 7, 1989

Tests are Wednesday evenings at 7:00 p.m. at Wauwatosa East High School, North 74th Street and Milwaukee Avenue. Enter through the southmost entrance on 74th Street. Go to room 256 on the second floor. Please arrive promptly so testing can be completed before 10:00 p.m. Bring your original license and three good photocopies, a pen, and \$4.55 for the exam fee. Walk-ins accommodated as time permits. Register in advance on a Postal Service 15 cent post card; print the grade of license you are applying for, and your name, address, and telephone number. Send the card to The Milwaukee Radio Amateurs' Club, Inc., 3840 South 43rd Street, #21, Milwaukee, WI 53220. For further information, contact Ed Seruga, KE9JJ, Secretary, MRAC at the above address. Telephone: (414) 545-6299 or (414) 546-0647.

### BADGER EXAMINERS (BE) - MILWAUKEE

1989 examination dates: September 16.

Unless otherwise noted, examinations are administered beginning at 1:00 p.m. at St. Nicholas Parish, 5353 N. Green Bay Ave. (2 1/2 blocks south of Silver Spring), Milwaukee. Number for coin telephone at exam location is 228-9994. Walk-ins are welcome. To register in advance, send a post card with your name, test or tests you wish to take, date you wish to be tested, your call sign, address and telephone number to Badger Examiners, Gary J. Sharbuno, WA9UJK, 5119 W. Willow Rd., Brown Deer, WI 53223.

### EAU CLAIRE, WISCONSIN

1989 examination dates: July 15, October 14

The July exams will be given in association with the Eau Claire Hamfest at the 4-H Junior Fair Grounds. All other tests will be given in the Facilities Management building on the University of Wisconsin - Eau Claire campus. Exams are given from 9 a.m. until noon. All walk-ins accepted. For further information, call Carl Searing, W9NW, at 715/834-1303.

### MENOMONIE, WI (ARRL/VEC)

June 17, November 11, 1989.

Sponsored by the Dunn County ARC. Walk-ins only. Credit Union Office Building, Conference Room, lower level, 444 S. Broadway, Menomonie, WI. Contact: Dr. Thomas W. King, KD9TI, c/o office, 444 S. Broadway, Suite 1, Menomonie, WI 54751. (715) 235-4747 (O), 235-5757 (H).

### RACINE, WISCONSIN - ARRL/VEC

First Saturday of each month except during summer and the Christmas holidays.

Exams are given at the Red Cross Building, 4521 Taylor Ave., Racine, WI. Walk-ins are permitted.

Send pre-registration to: William R. Firchol, Jr., N9DMP, 1912 27th Street, Kenosha WI 53140.

Last Sunday of every month.

Tomahawk Volunteer Examiners (ARRL/VEC). Tomahawk, WI. No pre-registration required, but appointment would be appreciated. Registration at 8:30 a.m. and testings start at 9:00 a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Greg Garner, WA9W, 4088 Highway 51, Harshaw, WI 54529. Telephone (715) 453-7096.

Third Saturday of every month.

Northern Illinois Volunteer Examiners (DeVry VEC). Held at North Suburban Library on North Second Street in Loves Park, IL. Contact: Gene Melton, AK9N, 2901 Billie Rd., Rockford, IL 61109, (815) 874-6867

This section of Badger State Smoke Signals is available to publicize your Volunteer Examiner Amateur Radio license examination schedules.

Please send us your schedules of dates, times, and locations that you will be conducting examinations and we will include the information here. Be sure to include contact address and any other necessary requirements. Information should be sent to K9EN or K9ZZ at the address shown on page 2.

(continued on page 23)

# Wisconsin Nets Association Ltd.

WISCONSIN NETS					
Net	WHA	Freq	UTC	CDT	Manager
BWN	Yes	3984	1100	0600	KC9CJ
BEN	Yes	3985	1700	1200	KA9RII
WSBN	Yes	3985	2230	1730	K9ANV
WNN	Yes	3723	2300	1800	KA9TTM
WSSN	Yes	3645	2330	1830	N9BDL
WINE	Yes	3662	0000	1900	WB9ICH
WINL	Yes	3662	0300	2200	W9NGP
NWTN	Yes	3494	2330	1830	NS9Q
Gr. Bay	No	72/12	0145	2045	WB9NRK
			Thu.	Wed.	
RACES	No	3993.5	1715	1215	WC9AAG
		USB Tues and Thurs			
RACES	No	3993.5	1300	0800	WA9OAY
		LSB Sunday			

## Section Manager's notes

Richard R. Regent, K9GDF  
5003 South 26th Street  
Milwaukee, WI 53221

Welcome to new Emergency Coordinators N9FIB, of Jefferson County; KA9YQH, in Oneida County; and N9HJF, for Lincoln County.

Section Emergency Coordinator W9ZAG has sent six Emergency Coordinator training tests to ECs, with more requests on the way.

W9YCV has confirmed over 200 countries.

KE9LL, active in ARES, had gobbles of fun chasing Turkey - a new DX country to add to the 36 he already has confirmed.

KA9TVD, son of K9SAO, is now in Navy electronics school in Orlando, Florida.

KA9UXN of Colby made 2-way contact on 145.55 simplex with Soviet Space Station U4MIR.

N9GHZ working on non-profit club status and repeater controller programming for Taylor County ARC.

Central Wisconsin Radio Amateurs group has new rules to borrow amateur club equipment by club members.

WA9KLM has applied for League affiliation of the Superior area radio club. New Club League affiliation received by KE9LV on behalf of the 42-member Northeast Wisconsin Radio League; their club newsletter is called N.E.W. Radioline.

July 1st is start of my sixth year as Section Manager; thanks for all of your help and support.

Happy fourth of July.

July 8th, South Milwaukee ARC Swapfest, held outdoors, 7 a.m., at American Legion Post, Shepard Avenue north of Ryan Road, Oak Creek.

July 15th, Eau Claire Hamfest, 4-H Buildings on Fairfax Street, walk-in exams.

Experimental Aircraft Association Special Events Station in Oshkosh will be operational daylight hours from July 31 through August 1st, may be on air and in

air from Goodyear blimp, contact WD9FLJ for details.

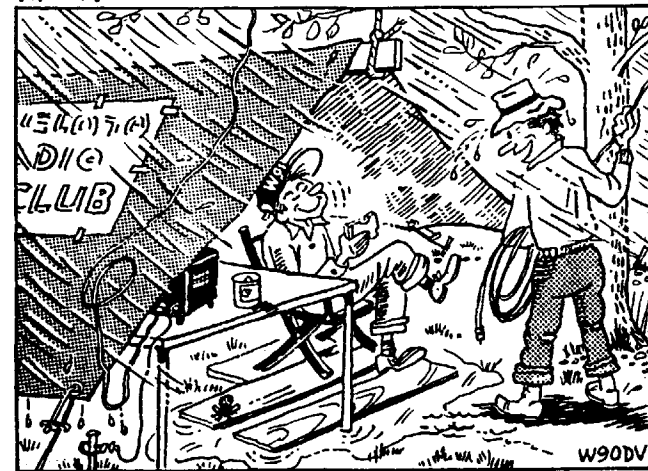
Sorry to report Silent Key W9KLLK.

KD9AJ and XYL Donna demonstrated Amateur Radio to 53 students at Jefferson Elementary School in Wauwatosa.

Ozaukee RC selected W9WQ as ham of the year. Ozaukee Swapfest had good attendance, with N9HAJ winning the \$100 prize.

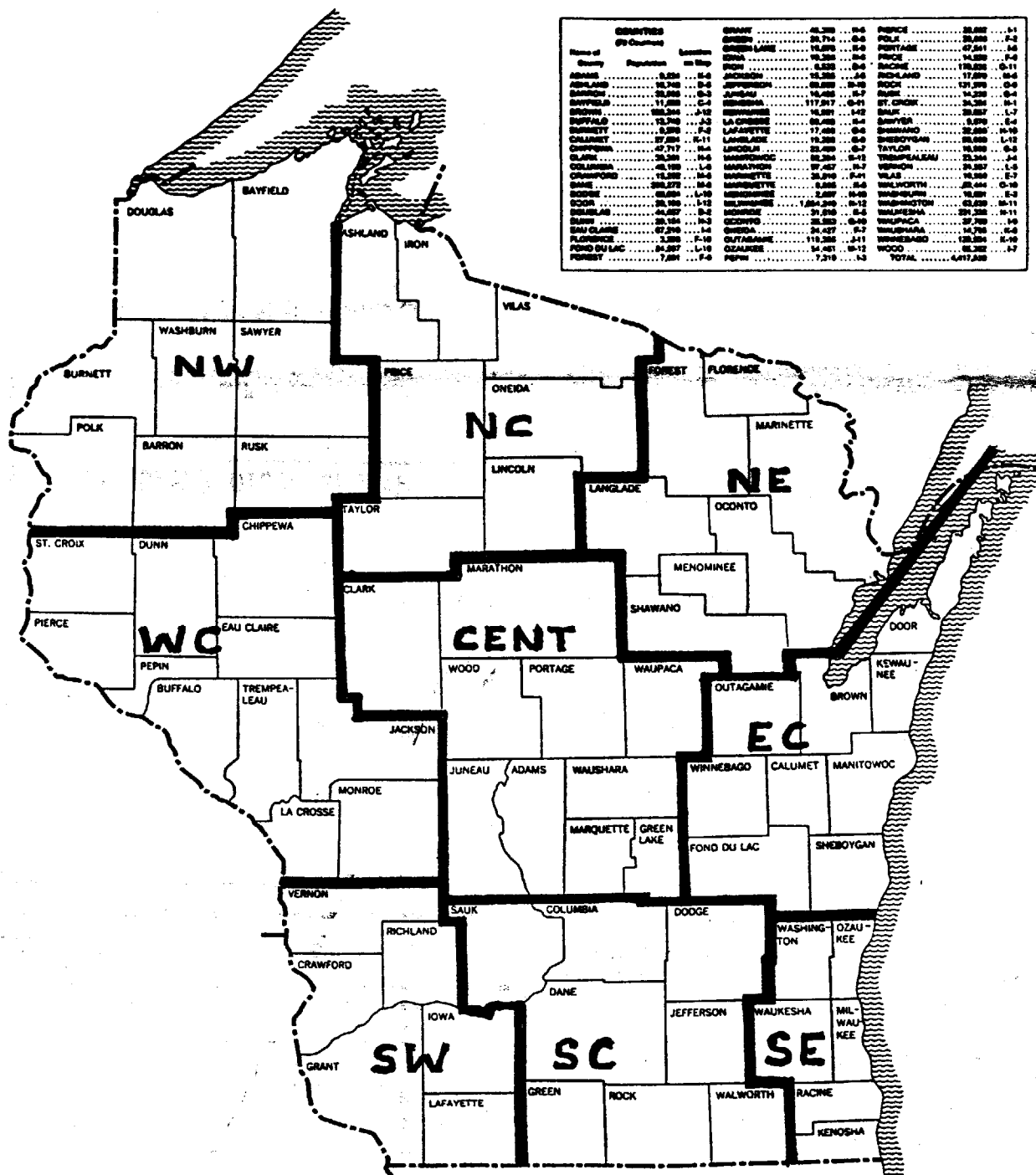
The Green Fox ARC has been trying out an idea that is becoming popular for many clubs - to reserve a few tables at swapfests in order for club members to place their equipment on sale, share the duty of watching the tables, promote amateur radio, and to get new members.

AH-H! FIELD DAY



"I WOULD'VE HAD TO BE PAINTING THE KITCHEN IF IT DIDN'T TURN OUT TO BE SUCH A NICE DAY"

ARRL Amateur Radio Emergency Service Wisconsin Section W9ZAG SEC



COUNTY OUTLINE  
WISCONSIN

Scale of Miles  
0 10 20 30 40 50

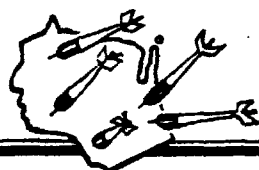
DISTRICT EMERGENCY COODINATOR BOUNDARIES



SEE PAGES 18 AND 19

April, 1989





## HERE and THERE

THE NAMEKAGON VALLEY WIRELESS ASSOCIATION is a new club in northern (Hayward area) Wisconsin. The founding officers are President Tom Young, KD9FC; Vice President Bert Carlson, N9ETR; and Secretary/Treasurer Marlene Young, N9-ETE. The club meets the third Thursday of each month at the home of N9EGE. The club newsletter is "Wireless Communique". Annual dues are \$10. To join, or for more information, contact Marlene Young, N9-ETE, Route 9, Box 9069, Hayward, WI 54843.

:-----:

OOPS! In our photos of the Madison Swapfest, published last month, we did a number on Marty Erschnig: we gave him a different call sign, and we moved him back to Delafield. Marty's correct call sign is W9IZD, and he lives in Waukesha, not Delafield. At least we had his name right!

- Thanks Harv Hamer, K9YHO

:-----:

U4MIR/U5MIR QRT: Cosmonauts Alexander Volkov, U4MIR; Sergei Krikalev, U5MIR; and Valery Ployakov packed their bags and returned to Earth at 0659 Moscow time on April 27th. Problems with the space station's electrical subsystem are being blamed as the cause for all three cosmonauts evacuating MIR. This is only the second time the space station has been empty since it was launched in February, 1986.

MIR was placed in a parking orbit at an altitude of 500 Km, and will remain empty until a repair team returns in August to correct the problem.

- The ARRL Letter

:-----:

FALL FEST 1989 HAS BEEN CANCELLED for this year. It had been scheduled for Sept. 10, at Blackhawk Technical Institute between Beloit and Janesville but, due to a heavy load of other activities by the sponsoring Tri-County Amateur Radio Club, the membership decided it best to cancel this year's event.

:-----:

CHIPPING AWAY: If a manufacturer of integrated circuits built a factory in Buffalo County, Wisconsin, it would naturally follow that the factory's product would be Buffalo Chips.. wouldn't it??

**Field Day Antenna Installation System**

One Person Installs in minutes

Info \$1.00

Re-usable Ready for Action Fast & Easy to Use Eliminates Climbing

**ANTENNA LAUNCHING MADE EASY**

**\$29.95** add \$5 Air Ship

**1-801 373-8425**

**AntennasWest**

Box 50062-BSS, Provo, UT 84605

# SWAP 89 FEST

SPONSORED BY  
THE SOUTH MILWAUKEE AMATEUR RADIO CLUB INC.

"SATURDAY" JULY 8 1989 7:00 AM -

American Legion Post 434 Oak Creek, Wis.

BUY - SELL - SWAP  
FOOD - DRINKS - PRIZES - CAMPING

FREE BEER

HAPPY TIME

FREE SODA

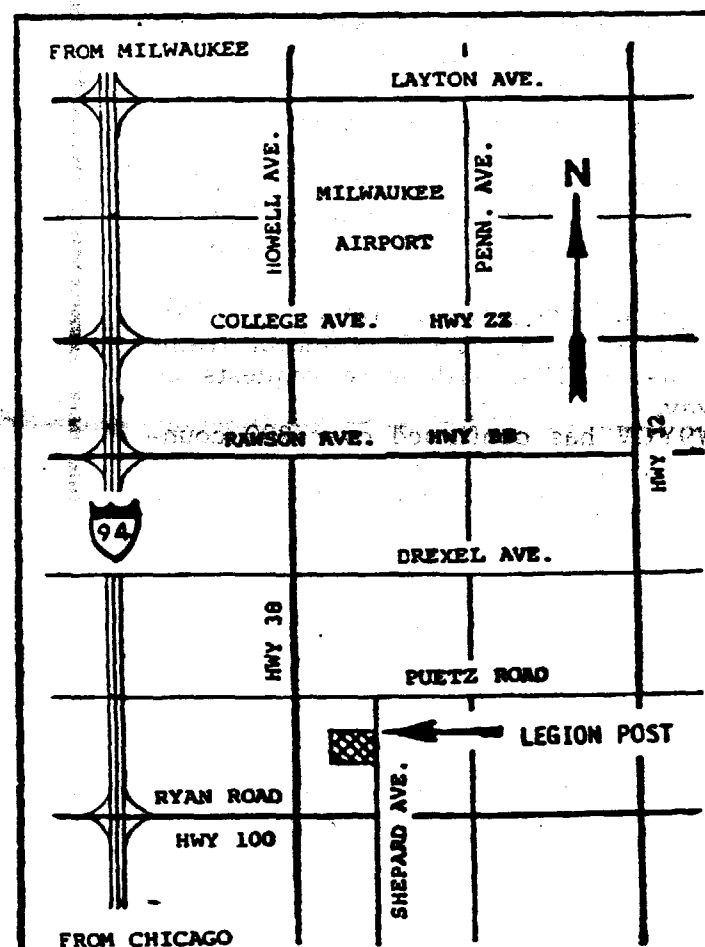
Tickets \$4.00

FIRST PRIZE \$100  
SECOND PRIZE \$50

PLUS  
HOURLY PRIZES

AMATEUR RADIO EXAMS  
BADGER  
EXAMINERS

Talk-in 146.58  
WA9TXE/9



BADGER STATE  
**Smoke Signals**  
For Radio Amateurs • By Radio Amateurs

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2 years (24 issues) \$16.00 (save \$1.00)  
3 years (36 issues) \$23.00 (save \$2.50)

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Please send check or money order to  
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Box 337, Baraboo, WI 53913-0337.

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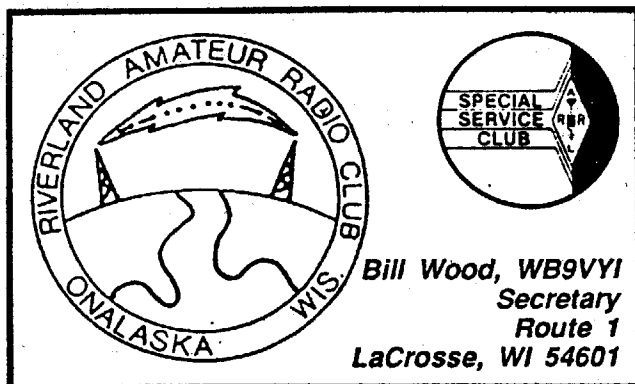
0689

Name: \_\_\_\_\_ Call (if any): \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

☐ 1 year ☐ 2 years ☐ 3 years

☐ new ☐ renewal



Bill Wood, WB9VYI  
Secretary  
Route 1  
LaCrosse, WI 54601

Greetings.

The regular monthly meeting of the Riverland Amateur Radio Club was called to order at 7:30 p.m. on May 2, 1989, by our President, Dick Low, KØJYB.

The April meeting's minutes were then called for, read, and accepted, along with the treasurer's report.

Bruce Bjerstedt, K9CUT, made a motion to pay Charlie half of what we owe him, as long as we have extra funds available. This is subject to the books' auditing and proposed expenses for the rest of the year. Wid Johnson, W9DM, seconded this, and all agreed. Along with this, Rick Williams, KV9U, made, and Charlie Burch, KA9UUK, seconded a motion to dissolve the repeater funds and absorb this into the general funds. There were no opposers to this movement.

Craig Goldbeck, N9ETD, reported on several functions of the repeater and its committee. He also made us aware of a potential problem while using the autopatch. When dialing a number, we shouldn't wait too long between the digits, because the controller may think you're "speed dialing", and take over for you. Curt Phelps, KA9YPF, demonstrated the speed dialing capabilities by calling Dan McKenzie, WCØV. Curt also told us there are 190 speed dialing slots available, and only 26 were used so far.

Charlie still has badges to be picked up, and more orders going in yet.

Craig is still taking orders for jackets.

George Kroner, KE9PL, is mailing postcards to four TV stations and five or six radio stations, also the La Crosse Tribune, announcing our meeting time and place. He also volunteered to work with the insurance and Dick will be working with him.

The meeting's agenda was about half over at 8:12 when mention was made that time was running out. Craig motioned, Rick seconded, to extend the meeting.

Rick announced again that exams will be given Thursday, June 15th, at 7:00 p.m. at the Onalaska Civic Center.

Quite a lengthy discussion was had about the repeater, its location, and the club's responsibility to communicate with the station manager on a regular basis. Dick read us a letter Kent Helman, W9-LZQ, mailed to several members to make the club aware that we were falling short in this area. (Our hobby is communicating for the most part, but sometimes we fail to communicate well with each other.) In Kent's letter, he listed several things that

we needed to talk about.

As a result of this discussion, Rick made, and Steve Pavela, KA9TSW, seconded, a lengthy, complex motion as follows: A letter is to be sent after the first of each year to the station manager of WXOW-TV, by the club officials, with a \$1 check, a copy of our insurance papers, an introduction to the repeater committee, also restating our purpose for the use of the site. (This will also be done if and when there is a new station manager installed). A separate letter from the president at the beginning of the year is to be mailed to the station manager, introducing himself and the head of the repeater committee who is to be the liaison of the club to the station, also thanking the station for the use of its site, and the role it plays in the community service, such as SKYWARN, A.R.E.S., and emergency communications.

Dan, Curt, and Craig are the control operators for the repeater until further notice.

June 6th is our next meeting, and the program for the evening is antique radios. If you have any old radios or books, magazines, and related material, please bring them along. We might even have a demonstration or two.

Greg Miller, KA9FOZ, is looking for someone to take over his duties as a Special Service Club chairman.

Field Day is coming up on June 24th and 25th. Scott Neader, KA9FOX, is heading up this effort. He said Phil Uehling, W9UP, would allow us to use his call for the event. We will be setting up Friday, the 23rd. Gary Countryman, KD9RL, will donate the use of his RV again this year. Craig motioned, and George seconded, a motion to allow the Field Day committee a check for potential expenses of \$100. This passed unanimously. Mention was made of how well we did last year, and with a little more effort this time we should be doing very well.

Karl Olberg, W4ST, motioned, and Greg seconded, to adjourn at approximately 8:53. All were in favor.

Our program for the evening was an open debate over the "no-code" question. Many good arguments were presented for both sides of the subject. There were also pros and cons over A.R.R.L.'s proposal. Even though some things were felt very strongly about, it seems like we all left on good terms.

Respectfully submitted:

Bill Wood, Sec./Treas. R A R C

#### MEMBERS AND GUEST PRESENT

Glenn Whitlock  
Curt Phelps  
Arby Boomer  
John Jorenby  
Bill Wood  
Bob Selbrede

NØBBW  
KA9YPF  
WF9T  
KA9ETH  
WB9VYI  
KA9EZR

George Kroner  
Tom Speropulos  
Rick Williams  
Duane Fruechte  
Charlie Burch  
Karl Olberg  
Craig Goldbeck  
Ron Reed  
Scott Neader  
Wid Johnson  
Dick Low  
Bruce Bjerstedt  
John Kass  
Ray Wakeen  
Jack Yoshizumi  
Greg Miller  
L.F. "Nook" Bentzen  
Albert Reinholtz  
Robert Bailey  
Steve Pavela  
Art Osborn  
Gary Countryman  
Walter Altus  
Gary L. Webb  
Charles A. Ferries  
Ralph Jahimiak  
Knute Knutson

KE9PL  
N9IGS  
KV9U  
W9HWQ  
KA9UUK  
W4ST  
N9ETD  
KD9OY  
KA9FOX  
W9DM  
KØJYB  
K9CUT  
WA9IZY  
WA9HHM  
W9KTD  
KA9FOZ  
K9EGO  
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KD9RL  
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# Kringles and Megacycle Club Make Racine Famous

By Richard R. Regent, K9GDF  
5003 South 26th Street, Milwaukee, WI 53221

Racine is well known for its flavorful, tasty kringles. But did you know it is also famous for being the home of the energetic, active Racine Megacycle Amateur Radio Club? The club meets the second Monday of the month at 7:30 p.m. at the Red Cross Building, 4521 Taylor Avenue, in Racine.

The parking lot was full and the meeting room packed with 80 people for their April 10th meeting. Scouts, ages 11 to 18, from Troop 161 of Saint Rita's, were sitting in choice seats near the front of the room to see and hear John Malan in person, Meteorologist and weatherman for TV-12 of Milwaukee. John gave a pleasureable tour talk on storms and tornados, showed a projector full of slides, and thoroughly answered many questions. Mr. Malan was presented with a commemorative glass jug with "Racine Megacycle Club, W9UDU" etched on it.

During the meeting, awards of a president's gavel and colorful certificate were presented by Cheryl Miller, KA9TPH, to Past President David Geschke, WB9ZIO, for his three years of volunteer work to improve club activities. It was a surprise when Lloyd Gorsiski, WB9RGO, announced that my wife and I were at the meeting and he wanted everyone to know that we are the folks who send birthday Ham Radio messages to many of the club members.

After the meeting, everyone enjoyed trying some of the several different flavors of kringles and beverages that were set out on the tables alongside the group. Later that evening, many present for the meeting watched at home on their TVs as John publicly thanked the Racine Megacycle ARC on his 10 p.m. weather show for the great response to his talk and showed the sparkly glass memento.

The officers of the club are: President Daniel Miller, KA9OIL; Vice President Cheryl Miller, KA9TPH; Treasurer David Geschke, WB9ZIO; Secretary Robert Bellgraph, K9ZL; and Programs, Arne Moxness, KA9ZPY. The club station, W9UDU, is in a basement room of the Red Cross building, and has Kenwood equipment. Their Racine Megacycle Newsletter is published for their membership every three months.

Racine Megacycles have had many activities. The Good Ole Days is a "bring and tell" program where anyone can show or describe their old equipment, whether it's homemade or purchased. Then there's the combined club's (Racine Megacycle Club, Racine Repeater Club, QCWA Chapter 162, and 10X International) Ham of the Year Award, with John Horton, WD9DSZ, this years' recipient. February includes Auction Night, and only 10 percent of sales goes into the club treasury (probably to pay for the kringles), the other 90 percent goes to the seller. Sometimes members bring their QSL cards to enter special drawings or for a "show and tell" of DX confirmations. Those who like food attend the March annual club dinner, always a palatable delight.

Students of the club, regardless of age, find interest in many programs, such as the astronomy or observatory program coordinated by Jerome Kunicki, WA9FLG, member of the Racine Astronomical Society. Technical folks, like David Hewitt, WB9YOT; Robert Bellgraph, K9ZL; Daniel Miller, KA9OIL; Bob Jensen, W0WLN; Bill Komistra, W9OVZ; and Cheryl Miller, KA9TPH, love teaching the Novice classes. The current ten-week course, May 13 through August 5, is held each Saturday at 8:30 to 10:00 a.m. Novice classes at Gilmore Middle School are now into their third year, and have produced eight new Hams. Jerstad-Agerholm Middle School has also begun a Novice class, and hopes to complete their first class in June.

Forward-looking members plan for future programs that have interesting, new ideas. A public service event for the Blue Angels sky show or a local walk or run allows members to keep up communications skills. The club is involved in supporting the local police department in a joint program to provide emergency communications. Members will be some of the first people to see the new super police communications vehicle that will have a video camera, two TV monitors, four police radios, a cellular telephone, hookups for three land-line telephones, and will even have Amateur Radio equipment.

Field Day plans emphasize having a Novice station, supervised by knowledgeable instructors in order to acquaint newcomers with Amateur Radio. Oldtimers and guests look forward to the August 20 QCWA picnic, to be held

(Please turn to page 10)

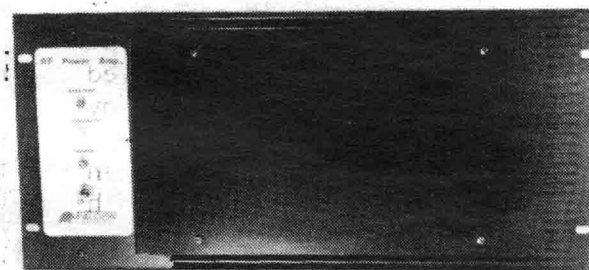
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# No-Code Survey Results

Here are the results of the Badger State Smoke Signals no-code survey, published in our April 1989 issue. 45 responses were received. Not all respondents answered all the questions, so the answers will not total 45 for all the questions. 42 of the responses were from licensed Radio Amateurs; only three were from unlicensed individuals. Some of the responses included comments; they are included. Here is the summary, with the questions asked, numerical totals, and percentages:

1. Would a no-code license lead to the end of Amateur Radio as we know it?  
Yes: 20 (45%) No: 24 (55%)
2. Would a no-code license attract more unqualified, unmotivated people to the Amateur Radio ranks than those who are qualified and motivated?  
Yes: 29 (65%) No: 15 (35%)
3. Do you feel that most Hams who use the code do so because they enjoy using it?  
Yes: 44 (100%) No: 0 (0%)
4. Do you feel that proficiency in code separates the "men from the boys"?  
Yes: 12 (27%) No: 32 (73%)
5. Should knowledge of the code be required only for those Amateurs who have a special interest in its use?  
Yes: 14 (31%) No: 30 (69%)
6. If a no-code license is approved and becomes a reality, should those operators' privileges be limited to the VHF or UHF bands?  
Yes: 36 (82%) No: 8 (18%)

Comments: (1) Controlled by (international) treaty; (2) CB only.

7. If you are a licensed Radio Amateur, do you operate CW (code)?

Yes: 38 (84%) No: 7 (16%)

8. If you do operate CW, approximately how much of your operating time is spent on CW?

0 - 10%: 7 (18%) 10 - 25%: 12 (26%)  
25-50%: 7 (18%) 50-75%: 8 (21%)  
>75%: 5 (13%)

9. If you operate CW, what is your present code speed?

0 - 5: 0 (0%) 5 - 10: 2 (5%)  
10-15: 10 (26%) 15-20: 9 (24%)  
20-25: 8 (21%) >25: 9 (24%)

10. If you are a licensed Radio Amateur, do you know anyone who would, in your opinion, be qualified to be an Amateur - and would probably be an Amateur - but is not willing or able to learn the code?

Yes: 18 (47%) No: 20 (53%)

11. If you are NOT a licensed Radio Amateur, but would like to be, is having to learn the code the PRIMARY reason you have not made the effort to become licensed?

Yes: 2 (67%) No: 1 (33%)

12. Do you feel that a no-code license will increase the number of Radio Amateurs, particularly young people?

Yes: 28 (70%) No: 12 (30%)

13. Is a no-code license the best way to increase the number of Radio Amateurs, particularly young people?

Yes: 18 (45%) No: 22 (55%)

14. If your answer to question 13 is no, what do you think would be a better way to increase the number of Amateurs, particularly young people?

"Leave as is or advertise."

:-----:

"The pool of young people is getting smaller; there will naturally be fewer Amateurs in that age group."

:-----:

"Numbers are not as important as quality. Why is more, more, more apparently perceived to be better? I would enjoy this hobby more if there were more quality people involved, not just more idiots."

:-----:

"Public classes by Amateurs with media exposure."

:-----:

"Invite them to your shack and show them all phases of Amateur Radio."

:-----:

"Far more willingness by Amateurs to spend the hours necessary to help individuals get started. Answer questions!!

"We already have a no-code license, essentially; it is called Novice or Technician."

:-----:

"460,000 Hams seems like enough to me."

:-----:

"Why increase the number of Amateurs?"

:-----:

"Make Ham Radio fun - Old Timers hurt our hobby by talking only about their last procto exam. Must welcome people to our hobby, not just pay lip service."

"No-code licenses should be available to severely handicapped people only. I would rather see fewer Hams and fewer bands than free no-code licenses just to get people."

:-----:

"More local training programs."

:-----:

"Educate non-licensed adults in the benefits of this hobby, especially those who teach, counsel, advise youth groups in schools, churches, etc."

"Get more articles on Amateur Radio into all different kinds of magazines, not just Amateur Radio publications."

(Please turn to page 20)

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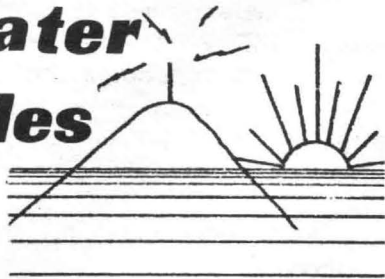
STATION DIRECT MAIL #1 (1989) OVER 100,000



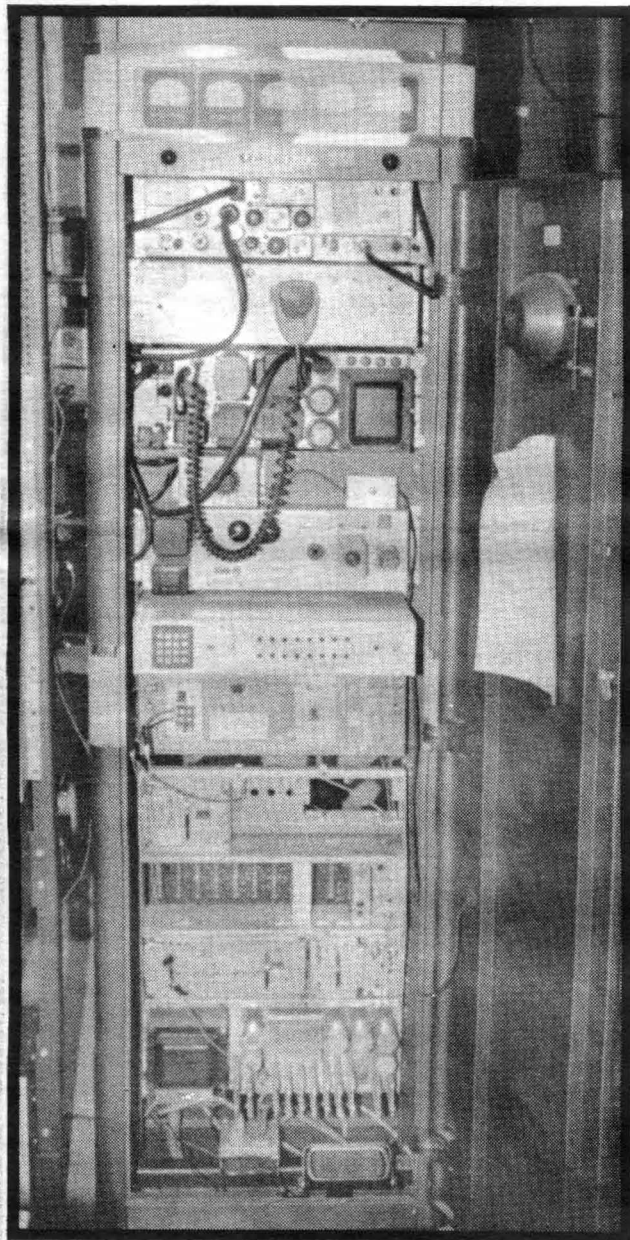
## Repeater Profiles



By John W. Frank, WB9TQG  
P. O. Box 5113  
Madison, WI 53705

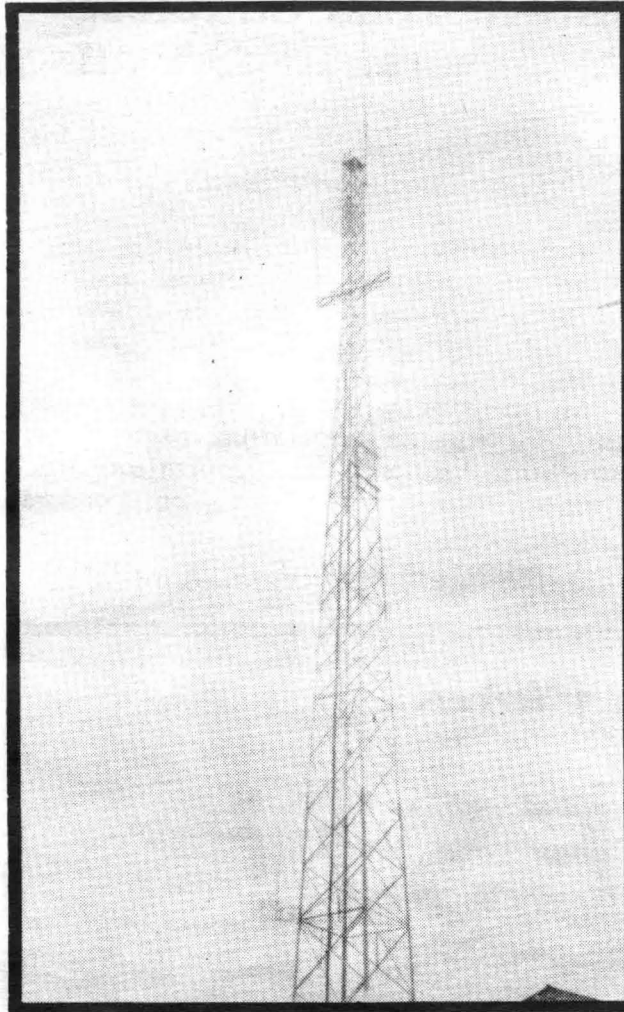


JUNEAU 146.04/146.64



The W9TCH repeater, pictured above, is a good example of what a club can do when everyone pulls in the same direction. The cavities in the duplexer (lower right photo) are homebrew. The autopatch and control system are homebrew. The original 1950s vintage commercial repeater has been updated and modernized since being put into amateur service in 1978. The result is an amateur repeater that works just fine, without a lot of whistles and horns, and which provides excellent coverage of Dodge County and beyond.

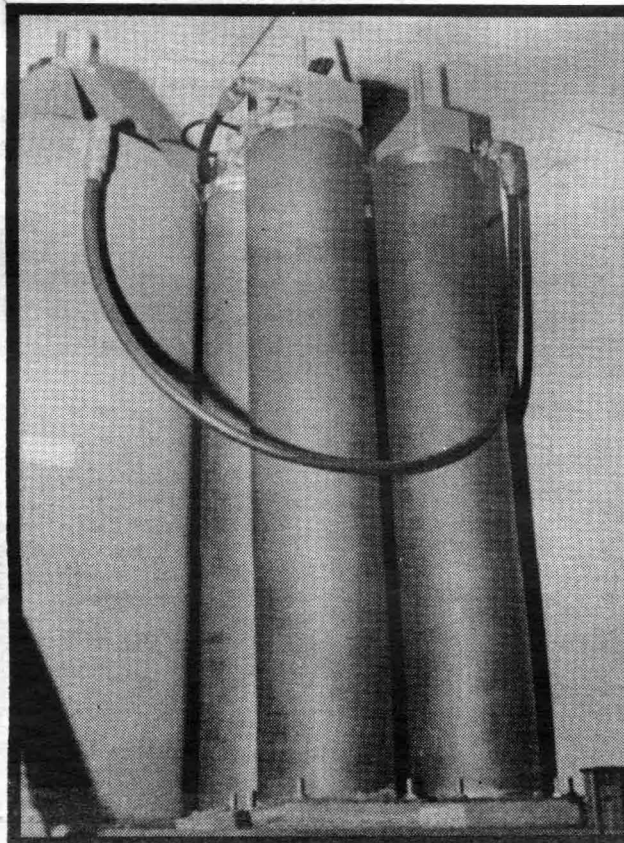
The repeater (operated by the Rock River Radio Club) is built around Motorola



equipment, and uses an antenna 130 feet above ground in Juneau (above photo). This is an open repeater, with an input frequency of 146.04 MHz, and an output frequency of 146.64 MHz. Autopatch is available to members. Emergency power is available in case of commercial power failure.

For more information about the Rock River Radio Club repeater, contact WB9-ADB or WB9KPG.

If you ever find yourself mobile in or around Dodge County, give a call on 146.04, and get to know some of the friendly hams who inhabit this repeater.



## From the Editor

\* Regarding the cover story about the sales tax and Wisconsin swapfests: It is plainly and undisputedly obvious that little or no research or thought went into this new program by our friends in Madison. They must believe that all sellers at these events are dealers, selling new equipment and raking in the bucks. Of course, that's not even close to true, and a little research on their part would have shown that. They will be sending notices to all sellers (at what cost per notice?), and will receive almost no revenue in return - and that for a lot of investment in wages and time for state employees. Is this how bureaucracies self-perpetuate, or is it misdirected greed, born of ignorance? Write your state Assemblymen and Senators now! The state sales tax was levied originally at 3%, and was "temporary". When can we expect to see that tax expire? We all will before it does!

\* All entrants in the Wisconsin QSO Party are receiving this issue, with the official results starting on page 12; this is courtesy of the West Allis Radio Amateur Club, QSO Party sponsor. If you are one of these, we hope you like what you see, and, if you're not now a subscriber, we hope you'll consider using the blank on page 5.

\* Field Day June 24 and 25 is a golden opportunity for publicity for your club or group and for Amateur Radio. (See the item elsewhere this issue). But, how many clubs miss many other chances all through the year for great PR? There are Ham of the Year Awards. Worked All States is newsworthy, as are WAC, WAZ, DXCC, and many others. Classes are news, and especially so are newly-licensed Novices. Hams working with SkyWarn are news. There are dozens of PR chances every year; the only limit is your imagination. Is your club missing them, too? We need the PR. Recognize and exploit your opportunities!

\* Our no-code survey, summarized in this issue, brought a number of letters with the survey forms. However, we did not have enough room in this issue to publish them; we will run as many of them as space allows in our next issue.

\* This the largest issue we have ever published, with 24 pages.

\* Don't try calling K9ZZ on the telephone for the time being. He was 3 days late with a payment. That got Ma Bell in a major snit and she pulled his plug.

## CORRECTION

The address for ARRL Central Division Director Ed Metzger, W9PRN, under our cover photo last month, is incorrect. Ed's address is 1917 Lindsay Road, Springfield, IL 62704. Thanks to Rich Regent, K9GDF, for calling our attention to the error.

## Racine Megacycle Club

(Continued from page 7)

in Johnson Park. The entire family is encouraged to attend club meetings, and a new project hopes to include more of the women - a club banner design contest that will need some expert sewers that stitch the winning banner into reality.

Of course, one design idea that won't be on the banner is changing the club name from "Megacycle ARC" to "Megahertz ARC", any more likely than the kringles served at club meetings will be changed to fruitcakes. After all, everyone now knows that the Megacycle ARC is one of two things that made Racine famous.

## State Tells Swapfest Sponsors: Report all Sellers!

(Continued from front page)

fairs, the following are examples of other events: trade shows, community or association picnics, fairs, markets, or festivals; carnivals and fairs; and fund raising events.

An operator is defined as a person or entity (such as an association, partnership, corporation, or nonprofit organization) who arranges, organizes, promotes, or sponsors an event.

A vendor is defined as a person or

entity involved with selling merchandise at an event. An operator, might also be a vendor at an event.

Selling merchandise includes the sale, rental, lease, exchange, trade, barter, or taking orders of merchandise, goods, or products, for money and/or other consideration.

A standard reporting form has been designed for the purpose of providing information to the Department of Revenue.

The required information is to be furnished to the Department of Revenue within ten days following the close of each event.

The Department of Revenue will use the information to inform vendors of their Wisconsin tax registration and reporting responsibilities. This will provide equal treatment between such vendors and other retailers in the state who are selling merchandise.

If you have questions concerning this program or if you need a supply of the vendor information forms, contact:

Wisconsin Department of Revenue  
ATTN: Operator/Vendor Program  
Post Office Box 8902  
Madison, WI 53708  
(608) 267-3244

- Wisconsin Department of Revenue publication

**Editor's Note:** A telephone conversation with a Revenue Department spokesman confirms that this means ALL attendees at these events must be reported, even if you rent a table and sell your BC-348 for ten dollars (an occasional sale; the tax liability would be just 50 cents, if that sale were even taxable!) But, after the operator of the event reports your name, address, and social security number, you will hear from the Department of Revenue.

The new requirements are to create equity between in-state and out-of-state dealers, since all dealers will pay the Wisconsin 5% sales tax. Some out-of-state dealers were not paying sales tax on sales made at Wisconsin swapfests, giving them a 5% price advantage over in-state dealers, and depriving the state of the sales tax as well. However, requiring swapfest sponsors to report everyone who sells, even someone selling (or trying to sell) a couple of five dollar boat anchors from his basement is silly. The required report should be limited to dealers only; otherwise this could be the end of the smaller swapfests in Wisconsin.

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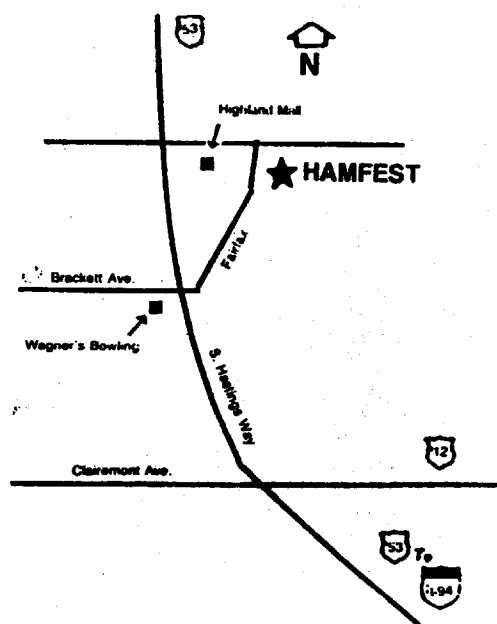
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## Eau Claire Amateur Radio Club

Bob Fallis, W9BAR,  
Secretary  
1851 McKinley Road  
Eau Claire, WI 54703

The next meeting of the Eau Claire Amateur Radio Club will be held Tuesday evening, June 13th, 1989. The meeting will be held in the Parks and Recreation Building, 1300 First Avenue.

### MINUTES OF THE MAY MEETING

The meeting was called to order at 7:45 by president Jerry Marx, NG9A. Twenty five members and one visitor were present. The financial report was given and approved. The minutes of the April meeting, as published in BSSS, were approved.

The London Square Mall Communications Day Booth was manned by Mike, WD9-DKM; Jim, KE9BC; and Jerry, NG9A. Jerry reported that he was disappointed in the interest shown by the public.

The American Diabetes Association's bike ride, held last Saturday, was poorly attended. Cold winds and intermittent snow showers kept most riders at home.

Carl, W9NW, along with nine other amateurs, coordinated the ride. NG9A, Jerry, with 95 dollars worth of pledges, made the ride.

We held a long and fruitful discussion on our July Hamfest. There are still a lot of last minute items to be taken care of, but everything seems to be on track.

The local CAP flight is in need of electronics instructors. If you are interested in this activity, please contact NG9A.

A Bicycle Cross-Country Event will be held here the 21st. There will be both 50 and 100 kilometer rides. We have been asked to furnish communications and control. Those interested in taking part in this activity will meet at Robbins School at 8:30 a.m. for assignments and instructions.

A motion was made and seconded that we purchase six magnetic signs. These would be used on the doors of cars during our traffic and communications activities. The members felt that this would give us a little more exposure during these events, and identify our cars for those that would need help or information. Bill, W9NNS, would order the signs.

Field Day is June 24th and 25th. We hope to have the trailer operational by that time. Phil Spratt, K9LJK, will be in charge of our Field Day activities.

Lunch Committee for June: NG9A, KF6SF.

Respectfully submitted:

Bob Fallis, W9BAR, Secretary

## Radio Commission Ponders Baud Limits

By Elizabeth Conover Mung  
GEARVAKf Investigative Reporter

Concerned by reports of increasing packet collisions, the Radio Commission is considering steps to enforce the 55 baud speed limit.

"It has come to our attention that speeds as high as 300, and sometimes 1200, baud are being used," said Arnold Dargush, Director of the Commission's Baud Enforcement Division (BED). The resulting collisions are causing heavy damage on the bands, rendering some frequencies unusable until the channels can be swept.

"We had one case where bit litter completely shut down 145.01 MHz over a wide area," declared Dargush. "Frequency sweeping is not only expensive, but while a frequency is being swept of collided data, others are deprived of its use because of the thoughtlessness of speeders," said Dargush. And he added: "Remember, every bit litter hurts."

- N8JR in the GEARVAKf Bulletin

## Help Wanted

Badger State Smoke Signals needs an advertising salesperson. This is not a "job" as such; it's for spare time - something to do. A small commission is paid, as are some expenses. Someone near the Baraboo-Portage area would be ideal, since that's where the BSSS staff is; however, it's not mandatory. If you'd like to help out our humble publishing effort, contact BSSS Chairman Ken Ebner, 822 Wauona Trail, Portage, WI, or call Ken at (608) 742-3560.

## CQ Field Day

It's May, and while most folks are enjoying the flowers and thinking about their summer vacations, hams are thinking about Field Day, June 24-25! Complete Field Day rules appear in the May issue of QST on page 103.

If you haven't done so already, send for your Field Day package containing publicity kit, dupe sheet, summary sheet and check list, by sending a 9 x 12 SASE containing 4 units of first class postage, or 4 IRCs, to ARRL HQ, Special Requests, 225 Main Street, Newington, CT 06111.

This year, additional bonus points have been added for public relations. In addition to 100 points for media publicity, points have been added for operations in a public place and for conducting an information booth for the visiting public.

- The ARRL Letter

Please remember to have someone in your club or group take some good, sharp pictures of your Field Day operation for Badger State Smoke Signals! We can reproduce them from either black and white or color photos, but B&W reproduces better. Send them to K9ZZ, address on page 2. And, send some to ARRL with your FD score, too. - Editor

**JANUARY 4, 1983**

\*\*\*\*\*  
**A CURE WAS FOUND  
FOR THESE DISEASES :**

1. REFLECTED POWER-ITCH
2. KNOB-ITUS
3. QRM-DEAFNESS
4. BUTTON-PHOBIA
5. SWITCH-CANKER
6. SUPER TUNER-BLUES
7. CROSS NEEDLE-EYES



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# OFFICIAL RESULTS 1989 Wisconsin QSO Party

Sponsored by the West Allis Radio Amateur Club

## Wisconsin Stations

## General Comments

This year we had 99 entries, 28 from out of state and 71 from Wisconsin. Band conditions were poor which we suspect accounts for the reduced number of entries from stations, especially those outside of Wisconsin. The entries indicated that 65 Wisconsin counties, 50 states and 9 Canadian Provinces were on during the Party. The Wisconsin counties not on were: Bayfield, Iron, Marinette, Menominee, Rusk, St. Croix and Washburn.

The plaque for the best Single Operator - Fixed station goes to Joe Mayenschein, WB9SBD, who moves up from second place last year, with an impressive 73,240 points. Tell us how you did it Joe?

In the Wisconsin club competition, we had entries representing 19 Wisconsin clubs. The W/K ARC of Greater Milwaukee remains in first place with the Kettle Moraine Radio Amateurs moving up to second place. Congratulations to both groups.

We would also like to thank the many stations who participated and provided additional fun and scores for the many Wisconsin stations.

The bad news is we also found it necessary to adjust some scores. This year we are not listing the errors. Simply put, 19 scores were adjusted up while 4 scores were adjusted down. We are notifying those 4 stations in writing of the changes. Amazingly, the out of state entries were all okay.

Of those 19 scores we adjusted up, 17 were adjusted for not taking credit for Wisconsin. For those who operate in Wisconsin - when you work any station in any county in Wisconsin you also get

CALL	COUNTY	CLASS	QSO POINTS				FINAL SCORE	CLUB AFFILIATION
			CW	SSB	MULT	BONUS		
MULTI OPERATOR - FIXED								
ND9Z *	Outagamie	MF	94	222	72	600	23352	Green Bay Mike and Key Ops: ND9Z, KA9LOE
NI9E	Milwaukee	MF	64	174	64	100	15332	W/K ARC Ops: NI9E, N9DIH
WA9ZSO	Milwaukee	MF	106	158	49	100	13036	Kettle Moraine ARC Ops: WA9ZSO, K1TMM
N9HNI	Dunn	MF	18	143	64	100	10404	Northern Wisconsin RC Ops: N9HNI, KB9AHE
WA9AKV	Milwaukee	MF	0	76	28	100	2228	West Allis RAC Ops: WA9AKV, KA9WXN
MULTI OPERATOR - MOBILE								
NA9M *	Dane	MM	90	89	38	1600	8402	Four Lakes ARC Ops: NA9M, N0DLI
N9DKH	Kewaunee	MM	0	154	40	2100	8260	Green Bay Mike and Key Ops: N9DKH, N9DFR, KA9BXG
SINGLE OPERATOR - MOBILE								
NOBMP/M9 *		SM	34	245	58	5600	21782	
NX9H	Milwaukee	SM	0	82	37	1100	4134	W/K ARC
SINGLE OPERATOR - NOVICE								
KA9WXN *	Milwaukee	SN	2	4	5	100	130	West Allis RAC
SINGLE OPERATOR - TECHNICIAN								
KB9AMM/M *	Brown	ST	0	27	6	600	762	Green Bay Mike and Key
N9ICH	Milwaukee	ST	0	41	10	100	510	
SINGLE OPERATOR - FIXED								
WB9SBD **	Vernon	SF	400	290	106	100	73240	
W9XT *	Washington	SF	176	358	84	100	44956	Kettle Moraine ARC
N9AW *	Milwaukee	SF	118	363	89	100	42909	W/K ARC
KB9S *	Pepin	SF	204	298	85	100	42770	Wabasha Area ARC
WA9TZE *	Milwaukee	SF	224	194	87	100	36466	W/K ARC
WB9HRO/9 *	Dane	SF	190	233	84	600	36132	
K9OSH *	Waukesha	SF	186	259	80	100	35700	Kettle Moraine ARC
KC9NH *	Winnebago	SF	0	310	104	100	32340	Fox Cities ARC
KB9AIT *	Outagamie	SF	0	328	81	100	26668	Oshkosh ARC
WE9V *	Milwaukee	SF	60	249	74	100	22966	
AJ9U	Milwaukee	SF	128	208	62	100	20932	W/K ARC
WA1UJU	Waukesha	SF	152	166	63	100	20134	Kettle Moraine ARC
W9HE	Waukesha	SF	232	119	56	100	19756	
K9GDF	Milwaukee	SF	150	170	61	100	19620	W/K ARC
N09M	Dane	SF	150	146	60	100	17860	Four Lakes ARC
K9KR	Racine	SF	0	234	69	100	16246	West Allis RAC
K9IAC	Milwaukee	SF	0	246	64	100	15844	West Allis RAC
KB9QL	Milwaukee	SF	0	222	69	100	15418	W/K ARC



CALL	COUNTY	CLASS	QSO POINTS		MULT	BONUS	FINAL SCORE	CLUB AFFILIATION
			CW	SSB				
KA9WDE	Oneida	SF	68	102	86	100	14720	
N9KS	Waukesha	SF	156	93	58	100	14542	Kettle Moraine ARC
N9DIH	Milwaukee	SF	76	136	65	100	13880	W/K ARC
NOBSH/9	Dunn	SF	102	117	60	600	13740	Fall Creek Contest Club
AE9K	Waukesha	SF	172	63	55	100	13025	W/K ARC
W9YCV	Milwaukee	SF	30	158	52	100	9876	West Allis RAC
KD9QL	Wood	SF	0	169	56	100	9564	
KR9R	Sheboygan	SF	0	150	60	100	9100	Sheboygan County ARC
N9EZ	Milwaukee	SF	172	37	42	100	8878	Kettle Moraine ARC
KD9ZF	Manitowoc	SF	0	128	62	100	8036	Mancorad
K9BED	Milwaukee	SF	158	45	39	100	8017	W/K ARC
NU9P	Fond Du Lac	SF	144	47	41	100	7931	
KD9BC	Winnebago	SF	0	125	62	100	7850	Oshkosh ARC
WB9MSM	Dodge	SF	0	141	52	100	7432	Watertown ARC
K9ZZ	Columbia	SF	80	61	45	600	6945	Yellow Thunder ARC
W9CBE	Dane	SF	144	11	36	100	5680	
WB9QFX	Winnebago	SF	0	95	52	100	5040	Fox Cities ARC
K9FHI	Dodge	SF	0	99	46	100	4654	Rock River RC
K9JIG	Brown	SF	0	108	41	100	4528	Green Bay Mike and Key
W9DMI	Milwaukee	SF	116	21	31	100	4347	W/K ARC
N9FZL	Outagamie	SF	0	96	39	100	3844	Green Bay Mike and Key
W9CHD	Waukesha	SF	128	0	29	100	3812	Milwaukee RAC
KA9BHL	Lincoln	SF	0	89	38	100	3482	Northwoods ARC
N9DIJ	Milwaukee	SF	0	74	39	100	2986	W/K ARC
WA9WYI	Washington	SF	54	28	26	100	2232	Washington County ARC
KE9C	Jefferson	SF	0	65	31	100	2115	Watertown ARC
WA9BPG	Waukesha	SF	0	44	27	100	1288	Kettle Moraine ARC
K9WTF	Waukesha	SF	0	61	19	100	1259	West Allis RAC
WA9YVE	Jefferson	SF	0	52	22	100	1244	Watertown ARC
AC9H	Waukesha	SF	0	40	26	100	1140	W/K ARC
WA9KCU	Dodge	SF	0	38	23	100	974	Watertown ARC
KA9USV	Waukesha	SF	0	33	21	100	793	Kettle Moraine ARC
K9DWS	Sheboygan	SF	2	30	19	100	708	Sheboygan County ARC
N9GNQ	Milwaukee	SF	0	50	11	100	650	West Allis RAC
KB9W	Polk	SF	38	0	14	100	632	
W9ODV	Sheboygan	SF	0	25	18	100	550	Sheboygan County ARC
W9BCC	Portage	SF	0	21	15	100	415	Central Wisconsin RA
WB9BWP	Waukesha	SF	0	21	16	0	336	
N9BDL	Oneida	SF	16	0	6	100	196	
WB9UAI	Milwaukee	SF	0	6	3	100	118	
N9FXI	Milwaukee	SF	2	5	2	100	114	W/K ARC

\* Certificate  
\*\* Plaque

## U.S. and Canada Stations

CALL	STATE	QSO POINTS		WIS. COUNTIES	FINAL SCORE	CLUB AFFILIATION
		CW	SSB			
WR40 *	AL	0	6	6	136	
N6TO *	CA	14	19	15	595	
K3JL *	DE	34	37	24	1804	
K4GF *	FL	0	26	17	542	
WK4F	FL	0	10	8	180	
K4BAI *	GA	64	10	14	1136	
KB4HZ	GA	74	0	11	814	
WA9LEY *	IL	66	47	33	3829	
W9VEN	IL	76	0	20	1520	
WA5IBC *	IN	56	65	32	3872	
KBOC	IN	0	99	35	3565	
WA4MXD *	KY	0	22	16	352	
W1TRE *	ME	8	18	13	438	
W08L *	MI	48	19	18	1306	
KIOF *	MN	120	132	39	9928	
W0NGB	MN	38	31	19	1411	

one multiplier credit for the State of Wisconsin for the first county you work. Thereafter, you only get credit for the county. In the future, we will not be adjusting scores upward for multiplier credit not taken by the entrant.

We have received some comments suggesting changes for next years party. We are considering these suggestions. The major area of concern centered around the multi-transmitter categories. We eliminated them because we thought there was no interest. Since some have indicated an interest, they will be reinstated. If you have some thoughts, let us hear from you too. We want to make the party bigger, better, and more fun for you, the participant. When we make a change we do it with that thought in mind.

As Chairman, I wish to thank all the stations who participated, both fixed and mobile, to a large degree or a small degree. Without you there would be no party. It has been a fun two years for me. See you in the 1990 Wisconsin QSO Party

- de K9KR and the Wisconsin QSO Party Committee.

## Soapbox

Conditions were awful - just barely able to hear Wisc on 40 and no short skip on 20. Please all Wisc stations, call CQ once in a while even if just hunting and pouncing. Heard at least 5 or 6 more counties but only when they called a CQer. Finally figured out KB9QL and KD9QL were different stations - W3HDH/O.

My tenth year in Wisc QSO party. Still most enjoyable party I participate in, although activity seemed a little off this year - K3JL.

Heroes of the day - ops at NX9H/M. Joke of the day - a clear frequency would be appreciated - K4GF.

Ya'll sure do have long county names - KB4HZ, Cobb County.

CALL	STATE	Q S O P O I N T S		WIS. COUNTRIES	FINAL SCORE	CLUB AFFILIATION
		CW	SSB			
W3HDH/O *	MO	120	88	33	6964	
N9ARX/O *	NE	54	62	36	4276	
K00DF	NE	12	3	5	75	
WA2LBT *	NJ	36	12	13	724	
W9IEM/7 *	NV	0	11	11	221	
K2JD *	NY	30	16	13	698	Op: NS9E
KV8Q *	OH	78	0	13	1014	
W8EAO(QRP)	OH	14	0	4	156	Northcoast ARC
N5JKN *	OK	0	41	21	861	
VE3ILX *	Onta	70	64	39	5326	Lake Head ARC Ops: VE3ILX, NI9Z
WA9AQE/3 *	PA	32	5	13	581	
N5AFV *	TX	8	21	13	477	

\* CERTIFICATE

Conditions could have been a lot better, it was fun though - K9FHL.

Had one of my poorest outings this year. Thought I could continue the entire 7 hours on CW but did not seem to be enough CW interest to keep it going. So had to break down and try sideband - W9HE.

10 meters was really poor. Would have been nice to be able to go to another band - N9ICH.

Still one of the best QSO parties yet! Always nice to hear all the Wisc stations - KB9S.

Nice flurry of activity on 2 meters near the end of the contest. Wish I could have remembered about the contest sooner - WB9UAL.

This party was quite active but I believe it could have been much better because your state has enough hams that it could be possible to operate from all 72 counties - W9VEN since 1935 same call.

Last year I lived in Dodge county and did not work Washington county. So I moved there 3 miles away thinking it was a rare county. Washington county was all over this year - W9XT.

Started out on 75, but band was broke. Went to 40 with a bad antenna. Worked what I could and went to 20. Went to 75 again - someone had fixed the band. Sure brought up the QSO's and multipliers at the end - KD9ZF.

Thanks for another fine QSO party. Maybe next year you'll hear us from somewhere up north. Hope 40 is as good from up there as it is from the southwest - NØ-BMP/M9. (That's the NØ-BMP/M9 operating position in the photo at left; 1KW mobile HF and 2M FM, and a trailer-mounted generator for power; several trailer-mounted antennas, too. This station won single op mobile, with 21,782 points. Photo thanks to Mark Thompson, WB9QZB.)

## Wisconsin Clubs

PLACE	CLUB NAME	SCORE
1 (1)	W/K ARC OF GREATER MILWAUKEE	198320 (184206)
2 (6)	KETTLE MORaine RADIO AMATEURS	139327 (121601)
3 (2)	WEST ALLIS RADIO AMATEUR CLUB	46233 (143356)
4 (8)	WABASHA AREA AMATEUR RADIO CLUB	42770 (60536)
5 (11)	GREEN BAY MIKE & KEY CLUB	40746 (42160)
6 (10)	FOX CITIES AMATEUR RADIO CLUB	37380 (46021)
7 (18)	OSHKOSH AMATEUR RADIO CLUB	34518 (12513)
8 (7)	FOUR LAKES AMATEUR RADIO CLUB	26262 (110621)
9 (22)	NORTHWOODS AMATEUR RADIO CLUB	14042 (1763)
10 (4)	FALL CREEK CONTEST CLUB	13740 (131004)
11 (3)	WATERTOWN AMATEUR RADIO CLUB	11765 (135287)
12	NORTHERN WISCONSIN RADIO CLUB	10404
13 (5)	SHEBOYGAN CO. AMATEUR RADIO CLUB	10358 (128174)
14	MANCORAD	8036
15 (9)	YELLOW THUNDER AMATEUR RADIO CLUB	6945 (56440)
16 (19)	ROCK RIVER RADIO CLUB	4654 (5754)
17 (23)	MILWAUKEE RADIO AMATEURS CLUB	3812 (1550)
18	WASHINGTON COUNTY AMATEUR RADIO CLUB	2232
19	CENTRAL WISCONSIN RA	415

(1988 STANDING & SCORE)

## Soapbox

The activity from Wisc was great. Had a good balance between CW and SSB and lots of counties on the air - WA5IBC.

Enjoyed talking with many fine operators in Wisc and will be looking forward to next years party - N5JKN.

Worked NX9H in four counties - N6TO.

Sorry about the poor participation, also had my sons wedding this weekend - W8EAO.

Had fun keeping the VA and WI QSO parties straight. Still need some rare Wisc counties. Why don't the rare ones ever call CQ? They only seem to work the big guns in Wisc - KV8Q.

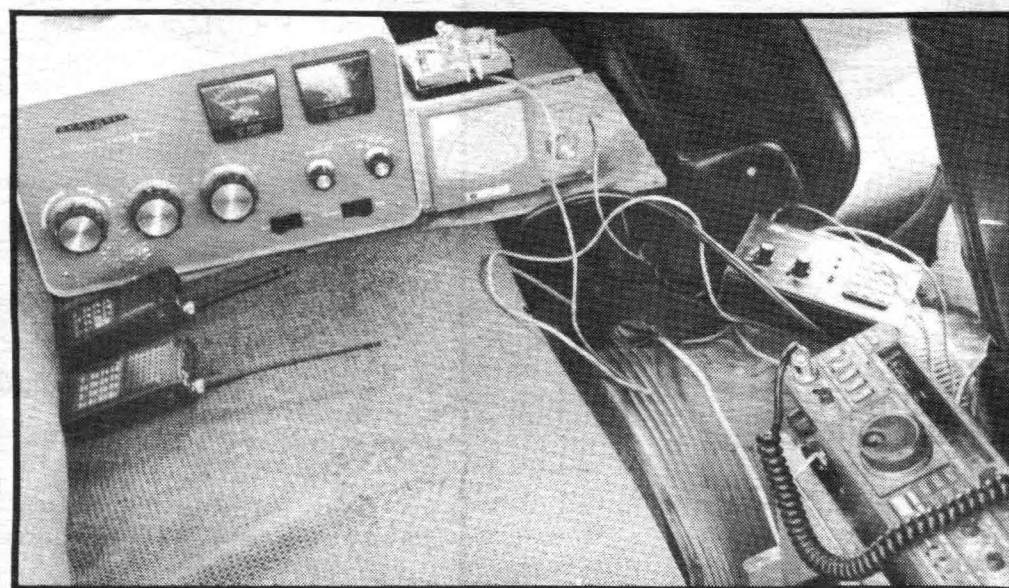
I wish I could have spent more time. Originally from Oconomowoc and enjoy working the guys and gals back home. Next year may try portable 8 in W. Va. - WA9AQE/3.

Just a leisurely one hour of work - WB9BWP

Enjoyed the party as always even though I was only in it a short time - KE9C.

Boy were conditions bad this year. 40 was only open to Wisc and it took legal limit power and a lot of persistence to make these few contacts - NS9E operating K2JD

## Participant Photos

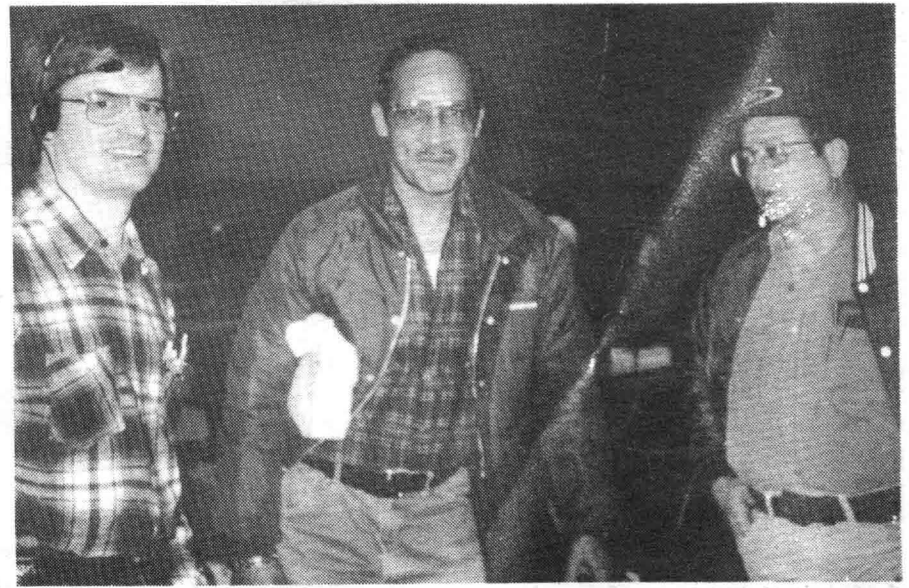




## Madison Swapfest Photos



In these photos, taken April 9, 1989 at the Dane County Forum in Madison, are: **LEFT:** Dave Baldridge, N9BMS, (left) and Paul Goemans, WA9PWP, both of Madison. **RIGHT:** Steve Loeffler, WB9ZRE, Ripon; George Halper, W9SUF, West Allis, and Don Evenson, K9JYX, Baraboo.



## Wisconsin Repeater Directory

Courtesy of the Wisconsin Association of Repeaters

The WISCONSIN ASSOCIATION OF REPEATERS is an organization of trustees and representatives of repeaters, state-wide, whose goal is mutual cooperation on the VHF UHF spectrum, in the spirit of Amateur Radio.

### GENERAL FREQUENCY COORDINATION POLICIES

1. We attempt to place no two repeaters on the same pair closer than 120 miles.
2. We attempt to place no repeater on a 15 kHz split pair closer than 40 miles to any adjacent 30 kHz standard spacing machine.
3. We not only assist proposed repeaters in finding a frequency where possible, but we actively attempt to protect existing repeaters' frequencies from interference whenever possible.
4. W.A.R. has suggested band plans for most of the FM spectrum, a subaudible tone plan for the State of Wisconsin and all necessary information for coordination of new or modifications to existing repeaters. Contact the Frequency Coordinator.

Nels Harvey, WA9JOB  
Wisconsin Association of Repeaters  
P.O. Box 23928  
Milwaukee, WI 53223

O Carrier Access	B Burst
PL Sub-Audible Continuous Tone	T Touch-Tone
W Whistle	C Closed Private Repeater
A Autopatch	(CA) Closed Private Autopatch
E Emergency Power	L Link and/or Crossband
P Portable	R RACES Affiliated
Y RTTY/ASCII	Z Autopatch to Law Enforcement
PAC Packet Data Exchange	

### Wisconsin Sub-Audible Tone Plan By Region

North Central - 2A	North East - 1B	North West - 2Z
South Central - 3Z	South East - 3A	South West - 3B

Location	Rg	Output	Call	Access	Sponsor
ALLENTON WI	SE	146.775	KA9HLP/R	O	HELPCOM
ALMOND WI uc	NC	145.410	KB9QL/R	C	ALMOND RC
APPLETON WI	NE	145.150	K9DHR/R	O CA E Z	C L RPT G
APPLETON WI	NE	145.210	KB9IE/R	O PL	P GRANT RA
APPLETON WI	NE	145.330	WB9ANR/R	O PL1B	F V VHF A
APPLETON WI	NE	146.760	K9OQO/R	O	F V VHF A
APPLETON WI	NE	224.500	KB9IE/R	O A L	KB9IE
APPLETON WI	NE	443.025	WB9IYV/R	CLOSED	WB9IYV
APPLETON WI	NE	443.650	W9DKY/R	O	W9DKY
BALDWIN WI	NW	145.130	K9HQC/R	O Z	ST. CROIX CTY. CD
BALDWIN WI	NW	147.330	K9HQC/R	O	ST. CROIX VAL. R.A.
BARABOO WI	SC	146.880	WA9WVE/R	O E	CENTRAL WIS RP ASSOC
BAYFIELD WI	NW	146.610	W9NSS/R	O	NORTHLAND ARC
BEAVER DAM WI	SC	147.315	N9GGZ/R	O	N9GGZ
BELOIT WI	SC	146.670	WA9JTX/R	O	BELOIT ARC
BELOIT WI	SC	224.300	WB9UBM/R	O A Z	C.B.S. RPTR GRP.
BERLIN WI	SC	443.850	N9A0Z/R	O A	N9A0Z
BURLINGTON WI	SE	146.745	WD9IGV/R	O PL	HONEY LAKE HAMS R.G.
BURLINGTON WI	SE	224.060	N9BBQ/R	O PL A E	SE WIS E R S
CEDARBURG WI	SE	224.180	W9CQO/R	O	OZAUKEE RADIO CLUB
CHIPPewa FALLS WI	NW	146.880	WA9PAM/R	O	WA9PAM
CHIPPewa FALLS WI	NW	444.350	WA9PAM/R	O O Z	WA9PAM
CUDAHY WI	SE	29.680	N9BBG/R	O PL3A	WIS EXP RADIO ASSOC
DELAFIELD WI	SE	146.820	W900W/R	O A E	SEWFARS
DELAFIELD WI	SE	444.125	WD9DHI/R	O E PL2A	SEWFARS

Location	Rg	Output	Call	Access	Sponsor
DEPERE WI	NE	443.750	KE9LZ/R	O	N9EPC
DORCHESTER WI	NC	145.270	WA9ZCO/R	OAE Z	WA9ZCO-N9GHZ
EAGLE RIVER WI	NC	145.390	KD9PT/R	O E CA	KD9PT
EAU CLAIRE WI	NW	146.910	K9UXP/R	O A E X	E C ARC
EAU CLAIRE WI	NW	147.240	KA9ELD/R	O CA E	E C ARC
ELKHORN WI	SE	146.865	WA9AJW/R	O	WALWORTH CO. ARES
FALL CREEK WI	NW	145.470	K9ZVZ/R	O A	K9ZVZ
FOND DU LAC WI	NE	147.090	WD9ESH/R	O A E	FOND DU LAC ARC
FOND DU LAC WI	NE	223.740	WA4COY/R	O B CA	WA4COY
FOND DU LAC WI	NE	444.150	WA4COY/R	O B A PL1B	WA4COY
FORT ATKINSON WI	SC	224.420	N9DTV/R	C	N9DTV
FRANKLIN WI	SE	444.625	K9WQG/R	PL 2A	K9WQG
FREEDOM WI	NE	224.220	AA9A/R	O	AA9A
FREMONT WI	NC	147.015	N9AOT/R	O	N9AOT
GERMANTOWN WI	SE	147.045	WB9EFP/R	C CA	WB9EFP-WB9CSK-WB9UV
GRAFTON WI	SE	145.390	W9HRQ/R	O A	W9HRQ
GRAFTON WI	SE	147.165	N9APC/R	O	N9APC
GREEN BAY WI	NE	147.120	K9GB/R	O CA	GREEN BAY MIKE & KE
GREEN BAY WI	NE	147.270	KE9LZ/R	OPL1B CA E	N.E.W. RADIO LEAGUE
GREEN BAY WI	NE	147.360	K9EAM/R	O CA	GREEN BAY MIKE & KE
GREEN BAY WI	NE	223.940	WA9SXN/R	C	WA9SXN
GREEN BAY WI	NE	224.140	KZ9D/R	O A E L	G B REMOTE USERS
GREEN BAY WI	NE	443.500	K9EAM/R	O A	PROP G B MIKE & KEY
GREEN BAY WI	NE	443.750	N51IA/R	O CA	N51IA
GREEN BAY WI	NE	444.200	WB9VJV/A	C	WB9VJV
GREEN LAKE WI	SC	146.955	KB9WC/R	O	GREEN FOX ARC
GREEN LAKE WI	SC	444.400	KB9WC/R	O	GREEN FOX ARC
GREENDALE WI	SE	442.150	KD9Y/R	O	
GREENFIELD WI	SE	52.880	WB9WKR/R	O	GREENFIELD 6'RS
GREENFIELD WI	SE	224.000	N9ADQ/R	O A	N9ADQ
HAYWARD WI	NW	147.210	W9DLY/R	O	WILD RIVERS ARC
HAYWARD WI	NW	444.850	N9EGE/R	O CA Z	N9EGE
HELENVILLE WI	SC	443.825	N9FIB/R	O	N9FIB
HERTEL WI	NW	147.300	WB9RAY/R	O	WB9RAY
HERTEL WI	NW	224.500	WB9RAY/R	O A	WB9RAY
HERTEL WI	NW	443.500	WB9RAY/R	O A	WB9RAY
HILLSBORO WI	SW	145.370	WB9SBD/R	O	WB9SBD
HIXTON WI	SW	146.940	KC9YE/R	O	TREMP-JACKSON CTY RA
IRMA WI	NC	146.730	K9GTQ/R	O	K9GTQ
JANESVILLE WI	SC	145.450	WD9ACY/R	O A E	ROCK AMA TELE SYSTEM
JEFFERSON WI	SC	145.490	W9MQB/R	O	TRI-COUNTY ARC
JUNEAU WI	SC	146.640	W9TCH/R	O A E Z	ROCK RIVER RC
KAUKAUNA WI	NE	444.450	ND9Z/R	O CA	ND9Z
KENOSHA WI	SE	224.800	WB9LST/R	O Z	WB9LST
KENOSHA/RACINE WI	SE	147.075	WA9YTH/R	O A E 3APL	WA9YTH
LA CROSSE WI	SW	145.230	N9ETD/R	O	FAROUT ARC
LA CROSSE WI	SW	146.760	K9CUT/R	O	LA CROSSE RP ASSOC
LA CROSSE WI	SW	147.210	N9BRA/R	O A	N9BRA
LA VALLE WI	SC	442.400	W9EBF/R	O PL3Z	W9EBF
LAC DU FLAMBEAU WI	NC	146.670	N9ADA/R	O PL	N9ADA
LODI WI	SC	147.225	K9EYY/R	OCAEPL2A	K9EYY
MADISON WI	SC	146.685	W9YT/R	O PL A	UW-BADGER ARS
MADISON WI	SC	146.760	WB9AER/R	O B A E	MADISON AREA RP ASS
MADISON WI	SC	146.940	W9FZC/R	O E	CENTRAL WIS RP ASSN
MADISON WI	SC	147.150	WB9AER/R	O B A E	MADISON AREA RP ASS
MADISON WI	SC	223.820	WB9RSQ/R	O A	WB9RSQ
MADISON WI	SC	443.675	KD9UU/R	O PL A Z	KD9UU
MADISON WI	SC	444.000	KA9VDU/R	O E PL3Z	KA9VDU
MADISON WI	SC	444.500	WB9TAE/R	O	WB9TAE
MADISON WI	SC	444.775	NG9V/R	O PL	NG9V
MANITOWOC WI	NE	145.190	WB9MFB/R	O	WB9MFB-WB9DQD
MANITOWOC WI	NE	146.610	W9DK/R	O A E	MANICORAD RP ASSOC
MANITOWOC WI	NE	147.030	WB9ESM/R	O A K	WB9ESM



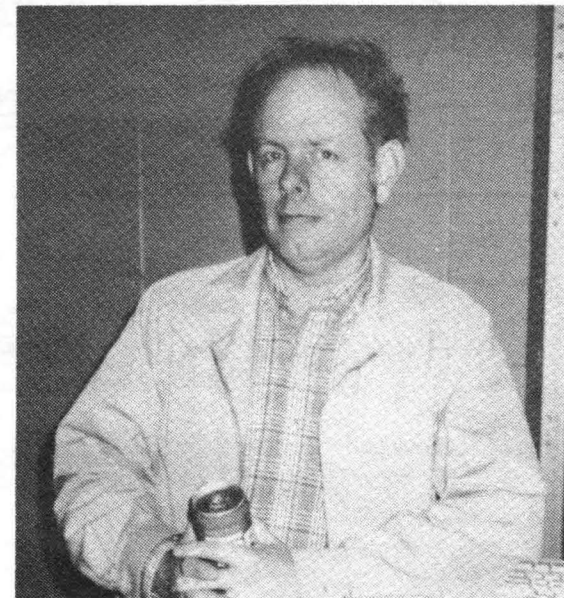


## Madison Swapfest Photos

These photos were taken April 9, 1989 at the Dane County Forum Building in Madison.

At left is Mike Kaufman, WB9SLI, of Richland Center.

At right is Jerry Schrenk, proprietor of Schrenk Electronic Sales of Madison. We are sorry to report that Jerry died unexpectedly two and a half weeks after the Madison Swapfest. Schrenk Electronic Sales is open for business as usual at their store at 1900 Beld Street on Madison's south side, just off Park Street.



Location	Standard Rg	Inputs Output	Unless Call	Otherwise Access	Noted Sponsor
MANITOWOC WI	NE	224.540	N9GHE/R		N9GHE
MANITOWOC WI	NE	443.975	N9GHE/R	O	N9GHE
MARSHFIELD WI	NC	147.180	WD9ISN/R	OAE Z	MARSHFIELD ARS
MAUSTON WI	SC	146.850	W9EJD/R	O	ARC OF CENTRAL WIS.
MEDFORD WI	NC	147.150	W9QHI/R	O E P	TAYLOR CTY. AREA ARC
MENOMONIE WI	NW	146.610	W9WDK/R	O	RED CEDAR RP ASSOC
MEQUON WI	SE	443.225	WD9DHI/R	O PL2A E	WIS EXP RADIO ASSOC
MILTON WI	SC	146.715	WD9FKW/R	O A	WD9FKW
MILWAUKEE WI	SE	29.620	WB9ZRB/R	O	IND RP SYS
MILWAUKEE WI	SE	29.680	N9BBG/R	O PL3A	N9BBG
MILWAUKEE WI	SE	53.030	WB9TRO/R	O E	WIS EXP RADIO ASSOC
MILWAUKEE WI	SE	52.680	WB9ZRB/R	O	IND RP SYS
MILWAUKEE WI	SE	145.130	N9EGR/R	OAEZ PL4A	MILWAUKEE AREA ARS
MILWAUKEE WI	SE	145.170	W9FK/R	O Z	WEST ALLIS R A C
MILWAUKEE WI	SE	145.250	WB9JBF/R	O	WB9JBF
MILWAUKEE WI	SE	146.625	WB9ZRB/R	O	WB9ZRB
MILWAUKEE WI	SE	146.670	W9WK/R	Z	ARES
MILWAUKEE WI	SE	146.790	W9HHX/R	O A PL	MSOE ARC
MILWAUKEE WI	SE	146.850	W9KHO/R	O PL3A CA	MILW CO RP SOCIETY
MILWAUKEE WI	SE	146.910	WA9JOB/R	O E Z PL3A	MILWAUKEE RPTR CLUB
MILWAUKEE WI	SE	147.000	W9PY/R	C	W9PY
MILWAUKEE WI	SE	147.105	K9IFF/R	C CA	K9IFF
MILWAUKEE WI	SE	147.330	N9EDL/R	O A PL2A	N9EDL
MILWAUKEE WI	SE	223.860	WB9UOS/R	O A E	WB9UOS
MILWAUKEE WI	SE	224.680	WD9ABR/R	O	WD9ABR
MILWAUKEE WI	SE	224.720	W9KHO/R	O CA PL2A	MILW CO REPT SOC
MILWAUKEE WI	SE	224.900	NK9G/R	O CA E	NK9G
MILWAUKEE WI	SE	224.960	WB9TYT/R	O CA PL2A	WB9TYT
MILWAUKEE WI	SE	442.850	WAOPD/R	O PL A	WAOPD
MILWAUKEE WI	SE	443.150	W9KHO/R	O PL2A	MILW CO RP SOCIETY
MILWAUKEE WI	SE	443.300	WB9TYT/R	PL2A	WB9TYT
MILWAUKEE WI	SE	443.375	KC9UZ/R	O	KC9UZ
MILWAUKEE WI	SE	443.550	K9HXA/A	C	K9HXA
MILWAUKEE WI	SE	443.700	WA9HUX/R		E.K.A.R.C.
MILWAUKEE WI	SE	443.750	WA9POV/R	PL2A	MILW UHF SOCIETY
MILWAUKEE WI	SE	443.800	N9GMT/R	OAEZ PL2A	N9GMT
MILWAUKEE WI	SE	444.200	K9HXA/A	C	K9HXA
MILWAUKEE WI	SE	444.250	N9DII/R	C PL	N9DII
MILWAUKEE WI	SE	444.300	W9WK/A	O PL	MILWAUKEE CO ARES
MILWAUKEE WI	SE	444.325	N9CFG/R	O PL	WIS EXP RADIO ASSOC
MILWAUKEE WI	SE	444.575	N9EDL/R	O A uc	N9EDL
MILWAUKEE WI	SE	444.725	KA9UOP/R	OZ PL2A	S.W.A.T.
MILWAUKEE WI	SE	444.800	K9HXA/A	C	K9HXA
MILWAUKEE WI	SE	444.850	WB9TRO/R	C PL A E L	WIS EXP RADIO ASSOC
MILWAUKEE WI	SE	444.875	WB9TRO/R	C	WIS EXP RADIO ASSOC
MILWAUKEE WI	SE	444.950	N9EDL/R	O A	N9EDL
MONROE WI	SC	145.110	NR9W/R		GREEN COUNTY ARA
NEW BERLIN WI	SE	147.285	W9EBF/R	O PL	W9EBF
NEW BERLIN WI	SE	442.350	N09B/R	O CA PL4A	N09B
NEW BERLIN WI	SE	442.400	W9EBF/R	O PL	W9EBF
NEW BERLIN WI	SE	444.500	WA9AOL/R	O	WA9AOL
NEW BERLIN WI	SE	442.400	W9EBF/R	O PL	W9EBF
NEW BERLIN WI	SE	444.500	WA9AOL/R	O	WA9AOL
NEW HOLSTEIN WI	NE	147.300	K9LGR/R	O CA E Z	C.A.R.E.S.
NEW LONDON WI	NE	146.625	WB9ICH/R	O	WB9ICH
NORTH FREEDOM WI	SE	224.680	KA9HKL/R	O	KA9HKL
ONALASKA WI	SW	224.980	WD9GCR/R	O	WD9GCR
OREGON WI	SC	444.925	WB9OQU/R	O	WB9OQU
OSHKOSH WI	NE	147.240	WB9TDU/R	O B A E Z	WINNEBAGO CTY. EG
OSHKOSH WI	NE	147.345	N9GHS/R	O A E Z	S.O.L.A.R. ASSOC
PARK FALLS WI	NC	147.000	WB9WHP/R	O	PRICE CO. RP ASSOC
PEPIN WI	NW	145.350	KB9S/R	O	WABASHA AREA ARS
PEWAUKEE WI	SE	147.210	WB9AKC/R	O PL6A	W.C.T.C.
PEWAUKEE WI	SE	443.125	WB9AKC/R	O PL3A	W.C.T.C.
PLYMOUTH WI	SE	224.940	KD9PE/R	O	KD9PE

Location	Standard Rg	Inputs Output	Unless Call	Otherwise Access	Noted Sponsor
PLYMOUTH WI	SE	444.350	WB9QCY/R	O E L	WIS EXP RADIO ASSOC
PORT WASHINGTON WI	SE	146.970	W9CQO/R	O A PL E Z	OZAUKEE RADIO CLUB
POWERS LAKE WI	SE	443.925	KC9XN/R	O PL2A	LAKE/KENOSHA AMA SO
RACINE WI	SE	147.270	W9UDU/R	OAEZIPR	LAKESHORE RP ASSOC
RACINE WI	SE	443.950	KA9JMK/R	O	KA9JMK
RACINE WI	SE	444.050	KA9LOK/R	O	KA9LOK
RHINELANDER WI	NC	146.940	W9ZZZ/R	O A E	RHINELANDER RP ASSO
RICE LAKE WI	NW	145.110	WA9CXN/R	O	WA9CXN
RICE LAKE WI	NW	147.030	WB9WFG/R	O E	BARRON CO. ARES
RICHLAND CENTER WI	SW	146.910	WB9SLI/R	O PL	PINE VALLEY RP ASSOC
RUBICON WI	SC	145.350	WB9KPG/R	O A E Z	WB9KPG
SALEM WI	SE	223.720	N9BBQ/R	O A E L Z	N9BBQ
SCHOFIELD WI	NC	145.230	WB9JGA/R	O	WB9JGA
SHAWANO WI	NC	145.350	WA9BZW/R	O A	WA9BZW-KA9NWX
SHEBOYGAN WI	NE	145.110	KR9S/R	C	SHEBOYGAN CTY DX AS
SHEBOYGAN WI	NE	147.060	W9RF/R	O CA	SHEBOYGAN ARC
SHEBOYGAN WI	SE	224.940	KD9PE/R	O LINKED	INPUT TO PLYMOUTH WI
SISTER BAY WI	NE	147.180	W9QBJ/R	O	WA9PFQ-W9QBJ-EM GVM
SLINGER WI	SE	146.730	W9MQD/R	O	WASHINGTON CO RP GR
SOUTH MILWAUKEE WI	SE	145.230	N9BMH/R	PL E	SO MILW ARC
STEVENS POINT WI	NC	146.670	WB9QFW/R	O A E	CENT. WI RADIO AMA.
STEVENS POINT WI	NC	146.985	W9NN/R	O	CENT. WI RADIO AMA.
STEVENS POINT WI	NC	443.950	K9MIF/R	O PL T	K9MIF
STOUGHTON WI	NW	421.250	N9BXA/R	O VIDEO	N9BXA
STURGEON BAY WI	NE	146.730	WB9YUY/R	O PL	WA9PFQ & WB9YUY
STURGEON BAY WI	NE	147.210	W9AIQ/R	OB1800CAE	DOOR CTY EMER GOVT
STURGEON BAY WI	NE	444.000	WB9YUY/R	O	WB9YUY & K9GOZ
STURTEVANT WI	SE	29.640	WA9ZY0/R	O	WA9ZY0
STURTEVANT WI	SE	224.740	WA9ZY0/R	O A	WA9ZY0
SULLIVAN WI	SC	147.255	WA9VEU/R	O PL	WA9VEU
SUPERIOR WI	NW	146.760	W9BWK/R	O	TWIN PORTS AREA RA
SUPERIOR WI	NW	146.820	WA9VDW/R	O PL A	TWIN PORTS AREA RA
SUPERIOR WI	NW	444.900	WA9KLM/R	O A	WA9KLM
TOMAH WI	SW	145.390	N9BOE/R	O	N9BOE
TOMAHAWK WI	NC	145.430	N9CLE/R	O A	TOMAHAWK RPT. ASSOC
TOMAHAWK WI	NC	223.760	N9CLE/R	O	TOMAHAWK RPT. ASSOC
TREVOR WI	SE	442.600	KA9VZD/R	O CA	KA9VZD
WALES WI	SE	224.120	WB9DRO/R	C	WB9DRO
WALES WI	SE	444.975	WB9DRO/R	C	WB9DRO
WAUKESHA WI	SE	147.390	N9KS/R	O	E.A.R.S.
WAUPACA WI	NC	147.390	WA9FDC/R	O	WAUPACA ARC
WAUSAU WI	NC	145.450	WB9JGA/R		WB9JGA
WAUSAU WI	NC	146.640	W9SM/R	O A	WIS VAL RP ASSOC
WAUSAU WI	NC	146.820	W9BCC/R	O E	RIB MTN RP ASSOC
WAUSAU WI	NC	147.060	W9KRY/R	O	W9KRY
WAUSAU WI	NC	224.300	K9DB/R	O E	CENTAUR
WAUSAU WI	NC	224.640	W9SM/R	O Z CA	PROP WI VALLEY R C
WAUSAU WI	NC	224.740	WB9JGA/R		WB9JGA
WAUSAU WI	NC	421.250	AD9W/R	O E H SYNC	VIDEO
WAUSAU WI	NC	425.750	AD9W/R	AURAL	-4.5 IN +4.5 OUT
WAUSAU WI	NC	443.750	KC9NW/R	O	KC9NW
WAUSAU WI	NC	443.750	KC9NW/R	O	KC9NW
WAUSAU WI	NC	444.300	W9BCC/R	O E	W9BCC
WAUSAU WI	NC	444.700	KC9NW/R	O E	KC9NW
WAUSAU WI	NC	444.700	KC9NW/R	O CA	KC9NW
WEBB LAKE WI	NW	145.190	NOEDV/R	O	NOEDV
WEST ALLIS WI	SE	224.520	KA9JCP/R	O CA E	KA9JCP
WEST ALLIS WI	SE	442.650	N9EJO/R	OAEZ PL3A	N9EJO
WEST BEND WI	SE	147.180	WA9THF/R	C	WA9THF-WA9HFB
WIND LAKE WI	SE	53.330	N9DIR/R	O	N9DIR
WINNECONNE WI	NE	444.750	KA9UNC/R		KA9UNC
WISCONSIN RAPIDS WI	NC	146.790	W9DQA/R	O E Z CA	MID-STATE RP ASSOC
WISCONSIN RAPIDS WI	NC	147.330	K9PJB/R	O CA E Z	WIS AIRWAYS RP ASSO



## A Good Wire

The MW Chapter of the Morse Telegraph Club met Saturday, April 22 at North Freedom, Wisconsin, with a good turnout of members, to participate in the last bi-national telegraph wire furnished by Western Union.

This was the best wire we have ever had (in some past years, the wire performed poorly), causing everyone to comment it is too bad that Western Union had to discontinue providing it. Of the approximately 35 stations on the circuit, 32 checked in at the 11 o'clock roll call.

MTC members throughout the US and Canada are working on various ways to replace the Western Union wire, either by

using Ham Radio with tone-to-DC converters to operate the sounders, or by landline, again using converters. Considerable progress has been made in this direction.

### COMING EVENTS

MAY 27 AND 28: MTC members will be operating Special Event Station AD9E, to commemorate the 145th anniversary of the first telegraph message. Any Hams wishing to operate the station are welcome to stop in. AD9E will be at the Mid-Continent Railroad Museum, set up in a trailer.

The station will operate CW (of course!), 44 KHz up from the bottom edges of the CW bands, including the 17 meter band. It will also operate at times on 7144

KHz, in the 40-meter Novice band.

QSL cards for those who work AD9E should be sent to KA9GNY, address below.

JUNE 10: MTC members will operate a landline at Wisconsin Dells, helping to celebrate the grand opening of the new, volunteer-built railroad depot. This operation will be from 10 a.m. to 2 p.m., and will be Morse only. However, everyone is welcome. It is planned to accept telegrams for free transmittal in the U.S. These messages will be handled by Fred Becker, W9KKM, for relay on Amateur Radio traffic nets.

- Bob King, KA9GNY  
411 Lynn Avenue  
Baraboo, WI 53913

# NOAH'S ARK

OF THE DELLS, INC.

## AMERICA'S LARGEST WATERPARK

**JAN AND DEAN ARE BACK AGAIN: JUNE 18, 1989**

## Enjoy Noah's 45 Great Activities!

New Big Kahuna Wave pool  
(Open Mid-June)

"The Wave" Wave pool

The Lazy River

Paradise Lagoon Activity Pool

Can-Am Race Cars

Kiddie Can-Am Race Cars

"The Plunge" Speed Slides

Swirl River Whirlpool & Spa

(Tank Tag not Included in All-Day Passes)

New Adventure River  
(Open Mid-June)

24 Waterslides with:

New Bahama Falls

4 Kiddie Play Areas

Bumper Boats

Kiddie Bumper Boats

Jungle Mini-Golf

2000 Lounge Chairs

"Our Staff of 370 includes 175 Certified Lifeguards"

**Hwy 12 - Wisconsin Dells, WI 53965 - #(608)254-6351**

# ARRL-WISCONSIN SECTION

## AMATEUR RADIO EMERGENCY SERVICE

### April, 1989

<b>SECTION MANAGER</b> Richard R. Regent, K9GDF 5003 South 26th Street Milwaukee, WI 53221 (414) 282-0312 (H) (414) 278-2646 (W)	Madison, WI 53716 (608) 222-9625 (H) (608) 241-3311 Ext. 4050 (W)	W2104 Crosstown Road Hilbert, WI 54129 (414) 853-7073 (H) (800) 242-6675 (W)	<b>FOND DU LAC COUNTY</b> Robert Fishelson, K9GEI W4551 Golf Course Drive Fond du Lac, WI 54935 (414) 921-6550 (H) (414) 922-0550 (W)	<b>VACANT</b>
<b>SECTION EMERGENCY COORDINATOR</b> Fred R. Wendt, W9ZAG W128 S6473 Berger Lane Muskego, WI 53150 (414) 425-6862	<b>SOUTH EAST</b> John Leekley, Jr., WB9SMM W169 N8480 Sheridan Drive Menomonee Falls, WI 53051 (414) 251-7056 (H) (414) 271-3744 (W)	<b>CHIPPEWA COUNTY</b> VACANT	<b>FOREST COUNTY</b> VACANT	<b>LA CROSSE COUNTY</b> Richard K. Helman, W9LZQ 1063 Fairfield Street Onalaska, WI 54650 (608) 783-3825 (H) (608) 785-9453 (W)
<b>ASSISTANT SECTION EMERGENCY COORDINATOR</b> Sherman Carr, W9NGT 756 West Washington Avenue Hartford, WI 53027 (414) 673-2630 (WI 609) 645-1202	<b>WISCONSIN SECTION EMERGENCY COORDINATORS</b> <b>ADAMS COUNTY</b> VACANT	<b>CLARK COUNTY</b> VACANT	<b>GRANT COUNTY</b> VACANT	<b>LAFAYETTE COUNTY</b> Roger L. Marty, WD9HOZ 129 Lacey Street Darlington, WI 53530 (608) 776-4274 (H)
<b>DISTRICT EMERGENCY COORDINATORS</b> <b>NORTH WEST</b> VACANT	<b>ASHLAND COUNTY</b> VACANT	<b>COLUMBIA COUNTY</b> Kenneth A. Ebnetter, K9EN 822 Wauona Trail Portage, WI 53901 (608) 742-3560 (H)	<b>GREEN COUNTY</b> VACANT	<b>LANGLADE COUNTY</b> VACANT
<b>NORTH CENTRAL</b> VACANT	<b>BARRON COUNTY</b> Ernest W. Wendt, W0LUY 1751 28th Avenue, Co. VV Rice Lake, WI 54868 (715) 234-9474 (H)	<b>CRAWFORD COUNTY</b> VACANT	<b>GREEN LAKE COUNTY</b> Jack H. Bremer, KB9WC Route 1, Box 142 Markesan, WI 53946 (414) 398-2247 (H)	<b>LINCOLN COUNTY</b> Norman L. Winters, N9HJF 219 East Lincoln Avenue Tomahawk, WI 54487 (715) 453-4647 (H) (715) 536-6272 (W)
<b>NORTH EAST</b> VACANT	<b>BAYFIELD COUNTY</b> VACANT	<b>DANE COUNTY</b> VACANT	<b>IOWA COUNTY</b> VACANT	<b>MANITOWOC COUNTY</b> Arthur A. Caswell, KE9LK 1462 Mailand Drive Manitowoc, WI 54220 (414) 684-7809 (H) (414) 755-2321 Ext. 426 (W)
<b>WEST CENTRAL</b> VACANT	<b>BROWN COUNTY</b> Dale Johnson, WB9NRK 1331 Bellevue Road, Lot 371 Green Bay, WI 54302 (414) 465-1417 (H) (414) 435-8385 (W)	<b>DODGE COUNTY</b> Arnold P. Zietlow, KA9FNE 155 South Hyland Street Juneau, WI 53039 (414) 386-4941 (H)	<b>IRON COUNTY</b> Dale L. Ristrom, KT9I 1202 Highway 77 Pence, WI 54553 (715) 561-2802 (H)	<b>MARATHON COUNTY</b> VACANT
<b>CENTRAL</b> VACANT	<b>BUFFALO COUNTY</b> Dale M. Byerly, W9KTG Route 2, Box 267A Mondovi, WI 54755 (715) 926-3655 (H)	<b>DOOR COUNTY</b> VACANT	<b>JACKSON COUNTY</b> VACANT	<b>MARINETTE COUNTY (NORTH)</b> Dorothy Staffeldt, WB9NCT N7717 Deer Lane Porterfield, WI 54159 (715) 732-2592 (H) (715) 732-1677 (W)
<b>EAST CENTRAL</b> VACANT	<b>BURNETT COUNTY</b> VACANT	<b>DUNN COUNTY</b> Steven R. Hart, KA9OMC Route 1, Box 54 Knapp, WI 54749 (715) 665-2374 (H)	<b>JEFFERSON COUNTY</b> Stan Lichtenbreg, N9FIB 1220 Wisconsin Drive #4 Jefferson, WI 53549 (414) 674-6162 (H) (414) 674-5744 (W)	<b>MARINETTE COUNTY (SOUTH)</b> VACANT
<b>SOUTH WEST</b> VACANT	<b>CALUMET COUNTY</b> Michael T. Ortlich, KN9P	<b>EAU CLAIRE COUNTY</b> John G. Rusfeldt, KA9RZL 1136 Sunset Lane, Apt. 1 Altoona, WI 54720 (715) 832-3626 (H)	<b>JUNEAU COUNTY</b> VACANT	
<b>SOUTH CENTRAL</b> James E. Anderson, N9AGH 4805 Academy Drive		<b>FLORENCE COUNTY</b> VACANT	<b>KENOSHA COUNTY</b> Raymond G. Wolfe, WB9LST 4929 39th Avenue Kenosha, WI 53142 (414) 654-1713 (H)	
			<b>KEWAUNEE COUNTY</b>	(Continued on page 19)



# ARRL-WISCONSIN SECTION

## AMATEUR RADIO EMERGENCY SERVICE

### April, 1989

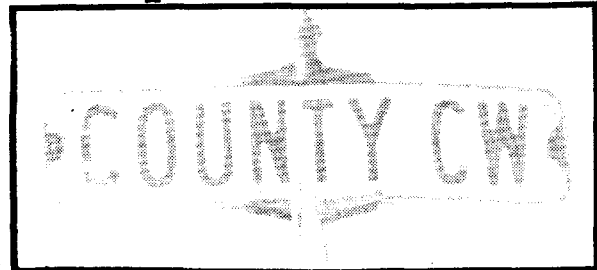
(Continued from page 18)

<b>MARQUETTE COUNTY</b>	<b>POLK COUNTY</b>	<b>SHEBOYGAN COUNTY</b>	<b>WAUKESHA COUNTY</b>	<b>WB9QXO</b>
VACANT	VACANT	Dr. Steven R. Lindstrom, KR9R 708 South Washington Drive Howards Grove, WI 53083 (414) 565-2521 (H) (414) 565-3369 (W)	John Leekley, Jr., WB9SMM W169 N8480 Sheridan Drive Menomonee Falls, WI 53051 (414) 251-7056 (H) (414) 271-3744 (W)	341 13th Street South Wisconsin Rapids, WI 54494 (715) 423-1425
<b>MENOMINEE COUNTY</b>	<b>PORTAGE COUNTY</b>	<b>ST. CROIX COUNTY</b>	<b>WAUPACA COUNTY</b>	<b>CITY OF WATERTOWN</b>
VACANT	Dean V. Goulet, KA9RFD 709 Lindbergh Avenue Stevens Point, WI 54481 (715) 341-1050 (H) (715) 341-1300 (W)	Frank J. Van Someren, W9AVX 1120 Spruce Road Baldwin, WI 54002-9434 (715) 684-2622 (H)	Larry R. Guthu, WB9ICH 706 West Jennings New London, WI 54961 (414) 982-3684 (H) (414) 787-3115 (W)	Claude C. Held II, WA9KCU 757 Kathryn Court Watertown, WI 53094 (414) 261-9421 (H) (414) 261-0223
<b>MILWAUKEE COUNTY</b>	<b>PRICE COUNTY</b>	<b>TAYLOR COUNTY</b>	<b>WAUSHARA COUNTY</b>	<b>CWRA BARABOO 146.88 REPEATER SEVERE WEATHER OPERATIONS</b>
John Leekley, Jr., WB9SMM W169 N8480 Sheridan Drive Menomonee Falls, WI 53051 (414) 251-7056 (H) (414) 271-3744 (W)	Dwight G. Simpson, AG9G Route 2, Box 1339 Phillips, WI 54555 (715) 339-3475 (H) (715) 339-2151 (W)	Michael D. Schoenfuss, N9GHZ P.O. Box 401, 210 South 4th Street Abbotsford, WI 54405 (715) 223-3996 (H) (800) 654-1659 (W)	Harold W. Ferguson, W9IEM Route 1, Box 115 Pine River, WI 54965	John E. Offerdahl, KC9XH 110 Lincoln Street Verona, WI 53593 (608) 845-7790 (H) (608) 262-4960 (W)
<b>MONROE COUNTY</b>	<b>RACINE COUNTY</b>	<b>TREMPEALEAU COUNTY</b>	<b>WINNEBAGO COUNTY</b>	<b>NWS FORECAST AND WARNING CENTER, SULLIVAN, WISCONSIN</b>
Michael D. Hoier, KA9PSL Route 1, Box 162A Tomah, WI 54660	Lloyd G. Gorsisk, WB9RGO 1307 Isabelle Avenue Racine, WI 53402 (414) 639-2041	Edward L. Van Sickle, N09X Rural Route 2, Box 24 Whitehall, WI 54773 (715) 694-2263 (H)	Merrill A. Lewis, WB9KZH 1927 Montana Street Oshkosh, WI 54901 (414) 235-1203	Jim Boos, WB9YSG 34043 Venice Park Road Delafield, WI 53018 (414) 646-8510 (H) (414) 771-6900 (W)
<b>OCONTO COUNTY</b>	<b>RICHLAND COUNTY</b>	<b>VERNON COUNTY</b>	<b>WOOD COUNTY</b>	
VACANT	VACANT	Raymond P. Buhr, AA9M Route 3 Viroqua, WI 54665 (608) 637-7289	Jack F. Lukes, Jr.,	
<b>ONEIDA COUNTY</b>	<b>ROCK COUNTY</b>	<b>VILAS COUNTY</b>		
Tom Kinney, KA9YQH Box 841 Rhinelander, WI 54501 (715) 356-4359 (H) (715) 369-3930 (W)	VACANT	VACANT		
<b>OUTAGAMIE COUNTY</b>	<b>RUSK COUNTY</b>	<b>WALWORTH COUNTY</b>		
Wayne C. Pennings, WD9FLJ 913 North Mason Street Appleton, WI 54914 (414) 739-2392 (H) (414) 832-6294 (W)	VACANT	Daniel J. Servais, WA9AJW Route 1, Box 816 Elkhorn, WI 53121 (414) 723-2227 (H) (800) 426-7378 (W)		
<b>OZAUKEE COUNTY</b>	<b>SAUK COUNTY</b>	<b>WASHINGTON COUNTY</b>		
VACANT	James H. Decker, WB9UQT 507 8th Street Baraboo, WI 53913 (608) 356-5376 (H)	Robert M. Villwock, KA9HLP 6221 Blueberry Road Allenton, WI 53002 (414) 629-5014		
<b>PEPIN COUNTY</b>	<b>SAWYER COUNTY</b>			
VACANT	Thomas R. Young, KD9FC Route 5, Box 5239 Hayward, WI 54843 (715) 634-3994 (H)			
<b>PIERCE COUNTY</b>	<b>SHAWANO COUNTY</b>			
Michael J. Perkins, W9SK 440 Elm Street, Route 3, Box 32 Ellsworth, WI 54011 (715) 273-4270 (H)	L. John Fiskien, KA9TCN 306 West Stevens Avenue Shawano, WI 54166 (715) 526-6359 (H) (715) 524-4115 (W)			

### Does Your County or District Need an Emergency Coordinator?

The ARRL Emergency Coordinator is a key team player in ARES on the local emergency communications scene. Working with the Section Emergency Coordinator, the DEC, and Official Emergency Stations, the EC prepares for, and engages in, management of communications needs in disasters. Among the duties of the EC are: Promote and enhance the activities of the Amateur Radio Emergency Service (ARES) for the benefit of the public as a voluntary, non-commercial communications service; Establish an emergency communications plan for communities and agencies that will effectively utilize ARES members to cover the needs for tactical and formal Welfare message traffic; there are other duties. If a vacancy is shown for EC in your county or District, and if you have a Technician Class or higher Amateur license and are a full member of the ARRL, and if you would like to apply for appointment as EC or DEC, contact SEC Fred Wendt, W9ZAG, W128 S6473 Berger Lane, Muskego, WI 53150, or call Fred at (414) 425-6862.

## Speed Limit: 55 Words per Minute?



John Frank, WB9TQG, found and photographed this sign on one of his sojourns around the state as a broadcast engineer for the State of Wisconsin. John says there may be more to come, too.

## PRB-3: Dead in the Water?

American Radio Relay League Executive Vice President David Sumner, K1ZZ, told the ARRL Executive Committee at its April 1 Kansas City meeting that no FCC action had been taken on the possible privatization of amateur call sign assignments outlined in PRB-3, and that the likelihood of positive Commission action is waning with the passage of time. ARRL has reaffirmed its interest in, at minimum, finding a way to resume issuance of club and special event station call signs.

- The ARRL Letter

## No-Code Comments

(Continued from page 8)

"One way or another, the general public needs to be informed on the values of the hobby. The public needs to be saturated so it sinks in and the Amateur is not looked upon as 'that interference maker' only."

:-----:

"More communications with public, grade, and high school."

:-----:

"More encouragement from us old frogs."

:-----:

"Introduction, familiarization, guidance, a genuine interest for them to succeed, a continuing effort up to AND after testing and on air experience; MORE READILY AVAILABLE GOOD USED AND INEXPENSIVE EQUIPMENT."

:-----:

"In place of a no-code license, more emphasis should be placed on legal requirements and Amateur Radio protocol and etiquette."

:-----:

"I don't believe it (a no-code license) is the best answer, but something has to be done."

:-----:

"More people willing to work with and interest young folks; people that are friendly outside of their circle of friends."

:-----:

"Attraction."

:-----:

"A bit more - perhaps much more - public relations promotion."

:-----:

"Better community publicity as to what Ham (Radio) is and why. I feel code should be promoted, but not mandatory. Extra privileges for CW bands should be sufficient enough to endorse code knowledge and use. It would be difficult to work DX without code."

:-----:

"Magazine articles, computer programs, contests."

:-----:

"You know it (a no-code license) will increase the number - if they don't want to learn code, will they learn the rest of being a Ham?"

:-----:

"More P.R. work and start stations in high school electronics classes."

:-----:

"More simple and less expensive equipment."

:-----:

"Schools. TV ads. Newspapers."

:-----:

"It's a matter of education. There is too much negative selling, which builds a psychological block in the mind of a non-Ham."

The Central Wisconsin Radio Amateurs Presents....

The 12th Annual

# SWAPFEST

**New Location**  
**University of Wis. Stevens**  
**Point Student Center**  
**FCC Exams ON LOCATION!!!**

Sunday June 18th

Featuring Satellite City & Other Dealers

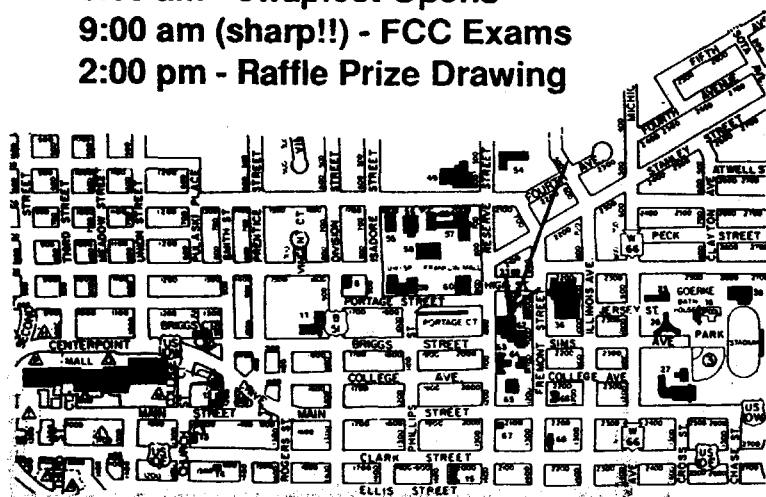
Because of past weather problems we moved to a completely indoor facility!!!

- Ham Prize
- Door Prizes
- Free Parking (in University lots)
- Indoor Cafeteria
- Fast Scan ATV Demo
- General Public Welcome
- FCC Exams (on location)

8:00 am - Swapfest Opens  
9:00 am (sharp!!) - FCC Exams  
2:00 pm - Raffle Prize Drawing

Swaptables \$4 or \$2  
if reserved before the  
first of May.

Talk in on W9NN/R 385/985  
WB9QFW/R 07/67  
W9BCC/R 22/82  
For more information please  
contact Art Wysocki, N9BCA  
3356 April Ln.  
Stevens Point, WI  
54481





# Yellow Thunder Amateur Radio Club



K90DK  
WB9FDZ

Harry Westlund, K9EHJ,  
Secretary  
720 Jefferson Street  
Baraboo, WI 53913

The next meeting of the Yellow Thunder Amateur Radio Club will be held on Tuesday, June 13, 1989, in room 25 of the Baraboo Civic Center. The meeting will begin at 7:30 p.m.

The May 15, 1989 meeting of the Y.T.A.R.C. was called to order by the President Duane Grotophost at 7:40 p.m.

The following members and guest were present:

Jim Pugh, W3VZJ	Hillsdale, MI
Harold Reif, KA9YQP	Baraboo, WI
Harry Mayland, K9FFT	Baraboo, WI
Glenn Bennett	North Freedom, WI
Darlene Bennett	North Freedom, WI
Jim Decker, WB9UQT	Baraboo, WI
Art Kleefisch, W9WSS	Baraboo, WI
Duane Grotophorst, KA9HKL	Loganville, WI
Harry Westlund, K9EHJ	Baraboo, WI

Upon a motion by Harold Reif and Seconded by Art Kleefisch, the minutes of the meeting of March were accepted as published in the B.S.S.S. There were no April minutes to approve due to lack of a quorum in April.

With no transactions, the Treasurers report stands the same as last month.

The Secretary then presented a letter from A.R.R.L. regarding club liability insurance.

Old Business: A discussion was held on how to prompt those who attended the Novice Classes to take the Novice test. Where possible, they will be contacted personally.

The recent Walkathon was provided communications by four members. It seems the Walkathon was less organized than in previous years and communications didn't appear to be a factor.

New Business: The president, Duane Grotophorst, who went to the Dayton Hamvention, gave some of his impressions of the event.

The participation of the club in Field Day was the next topic of discussion. The club will participate, but much depends on the availability of portable generators. Both units used previously appear to be in dis-repair and in need of service. Final plans for participation will be made at the next meeting in June. The club would like to hear from some of you personally at the next meeting. The more participants, the more fun Field Day is. Mark Your Calendars:

Next Meeting - June 13

Field Day - June 24-25

With no further business, the meeting was adjourned at 8:27 p.m.

The Buck Nite drawing was held, and the winner was James Decker, the club Treasurer. (Look like and inside job to me.)

Respectfully submitted,  
Harry Westlund, Secretary

## YTARC BIRTHDAY

Ken Ebner	K9EN	June	8
Harold Reif	KA9YQP	June	18
Harry Mayland	K9FFT	June	24

## SENTENCE SERMON

It is urged that this session's commencement speakers refrain from frightening the graduates by telling them the world is theirs. --Grit

## TEST POINT (continued from page 3) MINNESOTA TESTS

June 10, 1989	ARA Bloomington
June 17, 1989	Amateur Fair - SPRC
July 8, 1989	ARA Bloomington
July 16, 1989	Minneapolis ARC & Gopher ARC
August 12, 1989	ARA Bloomington
September 9, 1989	ARA Bloomington
September 23, 1989	SPRC
October 14, 1989	ARA Bloomington
October 21, 1989	Minneapolis ARC & Gopher ARC
October ??, 1989	Hamfest Minnesota
	Robbinsdale ARC
December 2, 1989	SPRC
December 9, 1989	ARA Bloomington

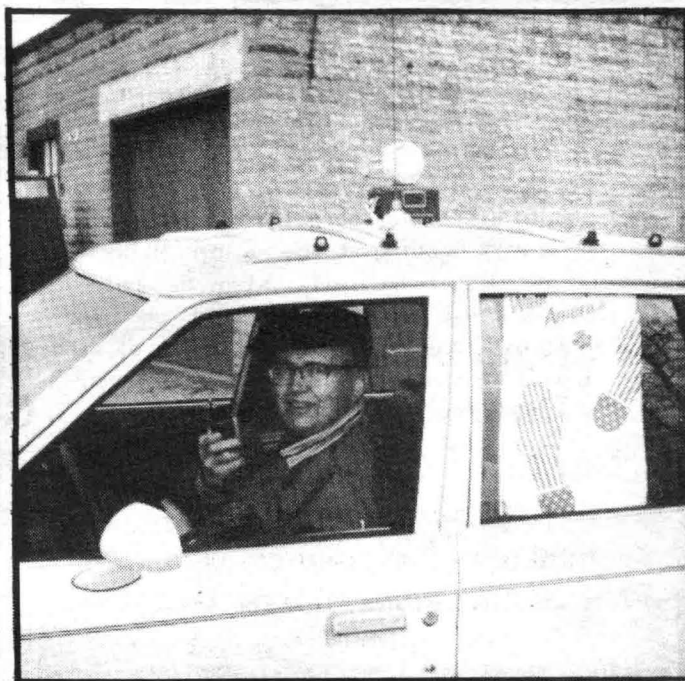
## Contact:

ARA Bloomington, Art Putt, KDØCL 881-7181  
SPRC, Mary Ketzler, KSØOMX 426-4438  
Minneapolis ARC & Gopher ARC,  
Jeff Kolb, WB5MTV 699-6861  
Robbinsdale ARC, Ron Schultz, NAØU 920-7473

The above listing of Minnesota tests came from the Ground Wave newsletter published by the St. Paul ARC. If you are intersted in any of these exams, save this issue as BSSS may not be able to include the information in every issue.

Jacks or better is what it takes to open the window of our ham shack.

Phil Anderson, W9TP  
and Jim Decker,  
WB9UQT assisting  
with communications  
for the recent  
Walk America Walkathon  
held in Baraboo.



## TROYER *Rexall* DRUGS

JACK D. TROYER, R. PH.      DAVID M. FUHS, R. PH.  
106 - 4th AVENUE      BARABOO, WISCONSIN  
PHONE 356-4964  
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YOUR FAMILY'S PRESCRIPTION PURCHASES

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**1350** **FM100**

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# THE WISCONSIN PACKETEER

Wisconsin Amateur Packet Radio Association (WAPR)

c/o CARL SCHUMACHER, N9BYS  
7740 EVERGREEN TERRACE  
BURLINGTON, WI 53106

Steve Loeffler, WB9ZRE, Editor, 123 W. Oshkosh St., Ripon, WI 54971

## 145.01 USAGE INFO

Hi all. This little note is to try to clarify some of the things that are happening in Wisconsin pertaining to frequency usages. As most of you know by now. I have moved WB9TYT-7 & WB9TYT BBS off of 145.01 to 145.690. Dave, WB9OWN has also moved his BBS & TCP/IP over to 145.690. This was all done to try to give the other nodes to our North & to our West a chance to work better. We have routes to these nodes via our Backbone links & most times it works better & faster than all being on 145.01. Both SHE & SLG should now have the coverage they are both capable of. This should improve SHE's coverage to Michigan also. With all this in mind, we are hoping all will refrain from using 145.01 in Southeastern Wisconsin.

In May of 1987, WAPR set up a bandplan for Wisconsin which set aside 145.03 Mhz as a frequency for keyboard to Keyboard operation state wide. We do not oppose a group from using this frequency as a LAN, but, Please, no BBS's. It is a nice quiet frequency to get away from all the BBS's & Nodes, etc, & have a quiet chat or to play CQDX... Let's all try to keep it this way.

I am including a list of the Frequency coordination for Wisconsin in another bulletin. This is the Bandplan approved by WAPR in it's May 1987 meeting.

I would also like to remind all that there will be a WAPR meeting at the South Milwaukee Swapfest in July. We will also be holding elections at this meeting. We could use more representation from the Northern part of the state. I will be sending out more info in June.

Thank You...

Dan, WB9TYT... Chairman of WAPR...

## PACKET FACES

The following was pilfered from the A.R.R.L. BBS:

In computer-based messages, sometimes it is desirable to be able to show facial expression and emotion. The following is a list of "faces" that can easily be inserted into packet messages to help convey your thoughts.

anger	>-<	huh?	:-?	smirk	:-\
awe	:-o	interest	=>	sorry	=<
cry	:'(	kiss	:-*	stern	>-
d00dshades	B-)	nya!	:-P	surprise	:-0
drunk	:(*	pout	:-<	tired	<-
evilgrin	:-~	raspberry	:-@	wink	;-)
grin	:->	sad	:-{	worry	{-
happy	:-)	shades	8-)		

## "Future of the ARRL" by W9WI

Some of the messages regarding no-code and the future of amateur radio have engaged in "League bashing": indeed, a recent commenter bragged of the fact that he'd never been an ARRL member.

I'm afraid League-bashing is counter-productive. I, too, believe that too many of the ARRL's actions are controlled by the "old fogies": the HQ renovation is an incredible waste of dues money. But the ARRL is much like the U.S. Government: if you vote, you have at least a little control over what happens: if you decide not to vote, you have \*no\* control whatsoever! Indeed, given that there isn't anyone lobbying Newington, \*your\* voice has more influence in Newington.

If you don't like the current direction of the ARRL, there are two things you can do. First: Make sure your director knows how you stand. I wrote my director and vice-director recently: the response I got led me to believe that very few members \*ever\* write their representatives. Your letter may have more effect than you think! Second: if you \*do\* write your director, and they don't vote the way you want

them to, don't vote for them next time they're up for election! If you've got the time, consider running for director yourself.. the ARRL is still a democratic organization, and you don't need to buy TV spots to get elected!

If you live in the state of Illinois, Indiana, or Wisconsin, your director is:

Edmond Metzger W9PRN  
1917 Lindsay Rd.  
Springfield, IL 62704

and your vice-director is:

Howard Huntington K9KM  
65 S. Burr Oak Dr.  
Lake Zurich, IL 60047

If you live elsewhere, the address of your ARRL director and vice-director is on page 8 of every QST. Write them!

73 Doug, W9WI @ W9WI-1  
Madison, WI

There was a town out west that was so small, the city limit signs were back-to-back, and the ham antennas all had to be vertical.

## WISCONSIN AMATEUR PACKET RADIO ASSOCIATION MEMBERSHIP APPLICATION

NAME \_\_\_\_\_ CALL \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

HOME PHONE \_\_\_\_\_

HOME PBBS \_\_\_\_\_ MONITOR FREQ \_\_\_\_\_

HOURS OF PACKET OPERATION: DAY \_\_\_\_\_ NITE \_\_\_\_\_ 24-HR \_\_\_\_\_

STATION: POWER \_\_\_\_\_ ANT GAIN \_\_\_\_\_ HEIGHT \_\_\_\_\_

TNC \_\_\_\_\_ COMPUTER \_\_\_\_\_

STATION CAPABILITIES: HF \_\_\_\_\_ 2M \_\_\_\_\_ 220 \_\_\_\_\_ 440 \_\_\_\_\_

I OPERATE A: DIGIPEATER \_\_\_\_\_ PACKET BBS \_\_\_\_\_

PRIMARY INTEREST IN PACKET \_\_\_\_\_

### MEMBERSHIP TYPE:

REGULAR ☐

ASSOCIATE ☐

1989-90 DUES

\$12.50 / YEAR

INCLUDES  
BSSS  
SUBSCRIPTION

### SEND WITH DUES TO:

WAPR, c/o CARL SCHUMACHER, N9BYS, 7740 EVERGREEN TERRACE, BURLINGTON, WI 53106



## WISCONSIN BANDPLAN

The accepted band plan for Wisconsin is as follows:

144.910 MHz.	Held in reserve for future LAN or other needs.
144.930 MHz.	Held in reserve for future LAN or other needs.
144.950 MHz.	Held in reserve for future LAN or other needs.
144.970 MHz.	Held in reserve for future LAN or other needs.
144.990 MHz.	Held in reserve for future LAN or other needs.
145.010 MHz.	MAIL FORWARDING BACKBONE AND LONG HAUL. Intended for mail forwarding and long distance real time communications.
145.030 MHz.	KEYBOARD COMMUNICATIONS AND EXPERIMENTATION (BBS FREE). This frequency will be designated real time communications. NO BBSs should be operated on this frequency.
145.050 MHz.	APPLETON/GREEN BAY VICINITY LAN FREQUENCY. Local BBSs should be located on this frequency for the users of the LAN.
145.070 MHz.	MADISON VICINITY LAN FREQUENCY. Local BBSs should be located on this frequency for the users of the LAN.
145.090 MHz.	MILWAUKEE METRO AREA LAN FREQUENCY (Already activated). Local BBSs should be located on this frequency for the users of the LAN. (This group is already implemented and has been operating for the past 9 months with excellent results)
145.610 MHz.	COMPUTER-TO-COMPUTER OPERATIONS. For file to file machine transfers at high rates, i.e. machine language transfer of files.
145.630 MHz.	Held in reserve for future LAN or other needs.
145.650 MHz.	Held in reserve for future LAN or other needs.
145.670 MHz.	Held in reserve for future LAN or other needs.
145.690 MHz.	Held in reserve for future LAN or other needs.

The 145.6\*\* frequencies may be used as secondary LAN's to your area LAN.

WAPR March 21, 1987

Please help us help you. Join WAPR (Wisconsin Amateur Packet Radio Association) & you will receive a year's subscription to Badger State Smoke Signals, a Monthly Newspaper about and for Wisconsin Hams, and you will also be contributing to the building and upkeep of our growing network of digi-peaters and/or nodes. The annual dues are just \$12.50 a year. (July 1 to July 1). We are including an application form which you may want to fill out. No problem if you do not. The info is put into a Database & a roster is then published & will be on all BBS's in the state. Please make out your check or money order payable to either WAPR or Carl Schumacher and send it to Carl Schumacher, N9BYS, at 7740 Evergreen Terr, Burlington, WI 53105.

Thank You, Dan, WB9TYT, Chairman of WAPR...

Packet "joke" If a computer made an error would it print the words, "Oh, nuts and bolts?"

W0CCT (via ARNS)

## WISCONSIN PACKET DIGI/NODE/BBS LISTING

CALL	ALIAS	LOCATION	TYPE	COMMENTS	FREQ.
NOELB-1	WIBFD	Bayfield	Node(1)		145.01
KA9JDE	BVD	Beaver Dam	Digi		145.01
K9EP	BLT	Beloit	KA/NODE		145.01
WOAIIH	EAU	Brackett	Digi		145.01
N9BYS	BUR	Burlington	Digi/BBS	RLI V10.01	145.05
N9BBQ-9	MTT	Burlington	Node(2)		223.42
WD9DHI-9	BDHIB	Burlington	Node(2)		446.10
WD9DHI-9	DHIL	Burlington	Node(2)		145.09
W8CDZ-1	CMX	Calumet, MI	Digi		145.01
N9AM	CUD	Cudahy	Digi/BBS	C-64	145.05
W8BCHJ-2	IRN	Crystal Falls, MI	Node(2)		145.01
KD9UU-9	DAR	Darlington	Node(1)	(Beaming at Iowa)	145.01
W0GKP-1	MNDUL	Duluth, Mn	Node(2)		145.01
K8ZAS	ESC	Escanaba, MI	Digi		145.01
KA9VDU	FBG	Fitchburg	Digi	(Beaming Chicago)	145.07
W9CWD	MSN	Fitchburg	Digi		145.07
W89QWN		Franklin	BBS	Xerox 820	145.01
K89DK-1		Germantown	PBBS/DUAL	GATE STUN/DIGI	145.01
K89DK-2		Germantown	KA/NODE & GER/GATEWAY		145.03
KA9WPG	WPG	Green Bay	BBS	MBL 5.12	145.01
W88FXB-2	INT	Iron Mountain, MI	Digi	N2MX Type Switch	145.01
W88CHJ-2	IRN	Iron River, MI	Node(2)	No Digi	145.01
KD9JK-2	JVL	Janesville	Digi/BBS	MBL 5.12	145.07
W89FID-1	LSE	La Crosse	Node(1)		145.01
W89ESU-1		Lodi	BBS	MBL 5.12	145.07
N9HAD-1		Madison	PBBS		145.07
N9HAD-2	BOB	Madison	KA/NODE		145.07
W89QHD-13		Madison	Node(1)	Wormhole to #MKEB & MAD	WIRED
W89QHD-15	MAD	Madison	Node(1)	Wormhole to MGT A	145.01
W9MI-1		Madison	BBS	MBL 5.12	145.01
W9MI-1		Madison	BBS	MBL 5.12	145.07
K89WC-1		Markesan	PBBS	Ka/Node	145.01
K89WC-2	SLK	Markesan	KA/NODE	Ka/Node	145.01
W8GLE-1	MOT	Marquette, MI	Node(1)	No Digi	145.01
W89QHD-14	MGT A	Marquette, MI	Node(1)	Wormhole to MAD	145.01
AE9H	MILW	Milwaukee	Digi/BBS	C64	145.09
W89TYT	TYT	Milwaukee	Digi/BBS	MBL 5.12	145.69
W89TYT		Milwaukee	BBS	MBL 5.12	14.107
W89ANY	NMB	New Berlin	Digi/BBS	MBL 5.12	145.09
W89SU-2	NFR	North Freedom	Digi		145.01
W89KEC-2	KEC	North Prairie	Node(2)		145.09
W89KEC-3	#KECB	North Prairie	Node(2)		446.10
W89KEC-4	#KECS	North Prairie	Node(2)	Conn W89KEC BBS	WIRED
W89KEC		North Prairie	BBS	RLI 9.04	WIRED
W89KEC		North Prairie	BBS	SE Wis. LAN	145.09
N9CCI	ORO	Oaro	Digi		145.01
W89FID-2	LSE2	Onalaska	Node(2)		145.09
W9LZQ-1		Onalaska/Winona	BBS	MBL 5.12	145.01
W9LZQ-1		Onalaska/Winona	BBS	MBL 5.12	145.09
N9BDY	OSH	Oshkosh	Digi/BBS	MBL 5.12	145.01
N9BOM	PIT	Pittsville	Digi		145.01
N9BOM-1	PITT	Pittsville	PBBS	Ka/Node	145.01
NF9R-1	SHE	Plymouth	Node(1)		145.01
NF9R-2	SHE220	Plymouth	Node(1)		223.44
NF9R-3	#SHEB	Plymouth	Node(1)		446.10
W89ZRE-1		Ripon	PBBS	Ka/Node	145.01
W9ZBD-1		Rhineland	BBS	MBL 5.12	145.01
W9ZBD-1		Rhineland	BBS	MBL 5.12	14.111
W9ZBD-3	WJRH	Rhineland	Node(2)		145.01
VE3FOD	FOD	Sault St. Marie	Digi/PBBS	MBL 5.12	145.01
VE3GF		Sault St. Marie	Digi/PBBS	MBL 5.12	145.01
W89TYT-7	SLG	Slinger	Node(2)		145.69
W89TYT-8	#SLGB	Slinger	Node(2)		446.10
KD9NV	SPT	Stevens Point	Digi/BBS	WORLI 10.01	145.01
KD9NV	SPTL	Stevens Point	Digi/BBS	WORLI 10.01	145.09
W89QFW	STE	Stevens Point	Node(1)	CMRA	145.01
W89KLM		Superior	BBS	MBL 5.12	145.01
VE3CX-2	TBN	Thunder Bay, Ont	Node(2)		145.01
VE3CX		Thunder Bay, Ont	BBS	MBL 5.12	145.01
N9BDE-1	CHY	Tomah	Node(2)		145.01
N9CLE-1	AUM	Wausau	Node(1)		145.01
W89ARG		Viroqua	Digi	(AA9H Digi)	145.01
W89POV-9	#MKEB	Waukesha	Node(2)	Wormhole to QHD-13	446.10
N9BKJ	BKJ	Waupaca	BBS	WORLI 9.07	145.01
W9PY		Whitefish Bay	Digi		145.03

Node(1) NET/ROM  
Node(2) TheNet

WAPR-4/26/89

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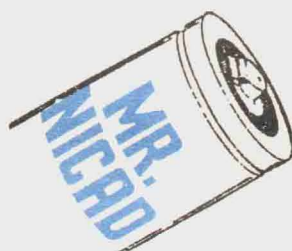
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